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GARDEN GUIDE

1924

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EL PASO SEED CO.

620 East San Antonio Street

Opposite City Market

EL PASO,

TEXAS

"CHICKENS CACKLE FOR RELIANCE REMEDIES"

If sent by mail add 5c for 50c size. 10c on \$1.00 size.

All these remedies are used in drinking water

We positively guarantee every one of these preparations to cure even the most severe cases of disease among your flocks, and to assure both the user and the maker of reasonable justice, we ask a careful reading of the directions, and urge that you follow closely the prescribed method of administering each remedy. If this is done and you are not satisfied with the results, just write us, stating that fact, and your money will be refunded immediately.

RELIANCE SORE-HEAD REMEDY—50c and \$1.00 Sizes
Cures Sore-Head, Chicken Pox, Warts and Saly Legs.

RELIANCE CHOLERA SPECIFIC—50c and \$1.00 Sizes
Cures Chicken Cholera, White Diarrhoea and Bowel Troubles. Also prevents these diseases and cures and prevents Black-Head in Turkeys.

RELIANCE ROUP AND CANKER CURE—50c and \$1.00 Sizes
Cures Roup, Canker and Catarrhal Troubles

Directions—One teaspoonful of the Cure to two gallons of water, and give the fowls to drink. Keep other water away from them, or keep them up in the morning until all have had a good drink before turning them loose.

For Canker, it will be necessary to touch the white or cankered spots in the throat with a soft mop or brush dipped in the full strength solution. One or two treatments will be enough, but continue giving the Cure in their drinking water for some time. Reliance Disinfectant should always be used to disinfect houses and yards.

RELIANCE CURE FOR LIMBER-NECK—50c and \$1.00 Sizes
Cures Limber-Neck and Gapes

These diseases are not contagious and need only be treated as it occurs. Treat the cases individually, if you like, but it is better to treat the flock, as it prevents others from having the disease. Clean up your premises after discovering the presence of the disease, as it is sometimes caused by unsanitary surroundings.

RELIANCE POULTRY TONIC—50c and \$1.00 Sizes

Useful at all times to keep your flock thrifty and in good condition.

It is essential in the moulting season and will aid in the production of eggs, especially in the winter season, when thin blood will tend to keep them cold and prevent regular laying. The tonic purifies and thickens the blood, keeps the plumage full and healthy, and keeps the fowls active and warm, which is a condition necessary to egg production. The Tonic will also relieve most crop-bound and egg-bound conditions.

Directions—One teaspoonful in two gallons of water and give to drink or in moistened food. In using any preparation for a tonic effect, you must expect to continue giving it from two to four weeks at a time, and best results will generally be had in the early spring and late fall. Keep a supply of Reliance Disinfectant handy, to disinfect poultry quarters.

RELIANCE LICE AND MITE KILLER—50c and \$1.00 Sizes

Will rid your flocks of Lice, Mites, Blue Bugs and all manner of blood-sucking vermin and is the only successful internally given Killer ever offered on the market under guarantee and without injury to fowl or without imparting noxious taste or odor to the flesh when cooked.

Directions—One teaspoonful to two gallons of water and give the fowls to drink. For the first few days after commencing the treatment also give the Killer in their food by moistening corn meal or bran with the solution same strength as given them to drink. Lice and fleas will disappear quicker than mites and blue bugs for the reason that most of the mite family live in the poultry houses and attack fowls on the roosts so it takes longer to clear the whole tribe out, but persistent use of the Killer will do it or you may have your money back. **Positively cannot be sent out of Texas.**

The fowls that have been infected with vermin are subject to colds, being in weak condition. We advise a treatment of our Roup and Canker Cure after using our Lice and Mite Killer. Don't overlook disinfecting your premises with Reliance Disinfectant, most powerful Germ Killer known. See description under heading: Reliance Disinfectant.

REDUCED PRICES ON FLOWER POTS

Pots	
2 ½ in. Flower Pots.....	.05
3 in. Flower Pots.....	.05
4 in. Flower Pots.....	.10
5 in. Flower Pots.....	.15
6 in. Flower Pots.....	.20
7 in. Flower Pots.....	.25
8 in. Flower Pots.....	.35
9 in. Flower Pots.....	.50
10 in. Flower Pots.....	.65
12 in. Flower Pots.....	1.25
14 in. Flower Pots.....	2.20
16 in. Flower Pots.....	3.25

Fern Pans	
5 in. Fern Pans.....	.10
6 in. Fern Pans.....	.15
7 in. Fern Pans.....	.20
8 in. Fern Pans.....	.30
9 in. Fern Pans.....	.50
10 in. Fern Pans.....	.60
12 in. Fern Pans.....	1.10
14 in. Fern Pans.....	2.00

Porch Pots	
8 in. Porch Pots.....	.50
10 in. Porch Pots.....	.80
12 in. Porch Pots.....	1.20

Saucers	
4 in. Saucers.....	.05
5 in. Saucers.....	.10
6 in. Saucers.....	.15
7 in. Saucers.....	.20
8 in. Saucers.....	.25
9 in. Saucers.....	.25
10 in. Saucers.....	.30
12 in. Saucers.....	.50
14 in. Saucers.....	.75
16 in. Saucers.....	1.10

Hanging Baskets	
7 in. Hanging Baskets.....	.35
8 in. Hanging Baskets.....	.50
9 in. Hanging Baskets.....	.75
10 in. Hanging Baskets.....	1.00

Jap Tubs	
9 in. Jap Tubs.....	.75
11 in. Jap Tubs.....	1.25

Rustic Stumps	
6 ½ in. Rustic Stumps.....	.35
9 in. Rustic Stumps.....	1.00
12 in. Rustic Stumps.....	1.50
9 in. Rustic Pans.....	.40

HOW TO ORDER BY MAIL

YOUR NAME AND ADDRESS.—Be very sure that your name and address are written very plainly on each order. We frequently have orders where either name is not given or address omitted. Also give plainly the R. F. D. number and box, or the street address. We acknowledge all orders by a post-card if not filled immediately. If such acknowledgment is not received, or if the order does not follow at once, write us about it.

CASH WITH ORDER.—The proper way is to send remittance in full to cover order and postage. We send Seed and Poultry supplies orders C. O. D. Plants we never send out C. O. D.

ALL PRICES are subject to price fluctuation and to change without notice. For this reason we ask you to write for quantity price. On vegetable seeds the price is usually fixed for the season and rarely is it necessary to change from the catalog, and the prices will be consistent with the market. You will be treated fairly.

REMITTANCES should be made by Post Office Money Order, Express Money Order, or by Check. For amounts up to one dollar, clean, unused postage stamps will be accepted. Coin should not be sent by mail. Checks on local banks may be sent, which will be a great convenience to many customers. We do not accept responsibility for orders which never reach us.

SHIPPING.—We will use our best judgment as to the best way of sending orders when specific directions are not given. On large "prepaid" orders it is better to have them go by express, if your town is on a railroad—it is safer. We prepay express charges on merchandise quoted "prepaid." If special directions in shipping are needed, send them explicitly, and where express or freight office is different from post office, so state in space on our order sheet.

SEEDS BY MAIL.—We send by mail or by express prepaid, all orders for flower seeds, and for vegetable seeds up to ten pounds. We do not pay postage or express charges on onion sets, field seeds, clovers, grasses, bird seeds, tools or plants in large quantities; but we pay them on other vegetable and flower seeds. Correspondents in foreign countries should add a sufficient amount for postage at the rate of 12 cents per pound.

THE PARCEL POST APPLIES TO SEED.—Postal rates are as follows: Owing to the convenience of having mail brought to your door by the rural delivery system, it is well to take advantage of the low rates.

20 pounds anywhere within 50 to 150 miles 24c.

20 pounds 150 to 300 miles 44c, and 1c for each additional pound up to 70 pounds.

Nothing heavier than 70 pounds may be mailed farther than 300 miles in one package.

The Eighth Zone includes Mexico and Canada.

ZONE RATES.—When it is required that postage be added to the purchase price of any commodity, note the distance you are from El Paso, see in which Zone you live. It is then easy to estimate the exact amount of postage required, or ask your postmaster.

FOR PARCELS WEIGHING 8 OUNCES OR LESS, containing seeds, bulbs or books only the rate of postage to all zones is 1 cent for two ounces or fraction. (Over 8 ounces the parcel post rates apply.)

DOMESTIC PARCEL POST RATES				Insurance extra, 3c for each Package up to \$5.00, 5c, up to \$25.00, 10c up to \$50.00	First pound or fraction	Each Additional Pound or Fraction
Our Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions						
First Zone, El Paso and	within	50 to	50 miles of El Paso	.....	5c	1c
Second Zone	"	50 to	150 " " "	.....	5c	1c
Third Zone	"	150 to	300 " " "	.....	6c	2c
Fourth Zone	"	300 to	600 " " "	.....	7c	4c
Fifth Zone	"	600 to	1000 " " "	.....	8c	6c
Sixth Zone	"	1000 to	1400 " " "	.....	9c	8c
Seventh Zone	"	1400 to	1800 " " "	.....	11c	10c
Eighth Zone	"	all over	1800 " " "	.....	12c	12c

FOR PARCELS CONTAINING FOURTH CLASS MATTER—other than the above—up to four ounces is permitted to all zones at 1 cent per ounce. (Over 4 ounces the above zone rates apply.)

NON-WARRANTY: Note—There are so many contingencies to be encountered in growing plants from seed and in setting out plants that are dependent on the weather and other conditions over which we have no control, that success in planting is not altogether dependent on the seed or plant. We will send out only seed which we believe will grow and produce the kind of plant and variety represented, but:

EL PASO SEED CO. Inc., give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money will be refunded.

January, 1923.

EL PASO SEED CO., Inc.

EL PASO SEED COMPANY, EL PASO, TEXAS

"RELIABLE"

VEGETABLE AND GARDEN SEEDS

BEST FOR THE SOUTH AND SOUTHWEST

SHIPPING FACILITIES

El Paso enjoys all the facilities of a railroad center, having the Santa Fe, Rock Island, Southern Pacific, Texas & Pacific, El Paso & Southwestern, Mexican Central, G. H. & S. A., and American Express. This gives us unequalled shipping facilities, with lowest rates to all parts of the country; besides you have the assurance of getting your orders in the quickest possible time.

When goods are to be sent by freight or express, give plain shipping directions, otherwise we use our best judgment in regard to the matter.

WRITE PLAINLY.—When ordering, write Full Name very plainly, giving Post Office, Express Office or Freight Depot, as the case may be, to which you wish the goods sent. If an order wherein we have been giving the full and correct address is lost in the mails, we will replace same, but if lost through faulty directions given us, we cannot duplicate it free. When shipments are made by express or freight, our responsibility ceases after we have obtained a clear receipt from the transportation companies.

ORDER EARLY.—It is important that you order as soon after receipt of this catalogue as convenient. You will then be sure of having your seeds when you want them. Orders are filled as received in rotation; you can help us maintain our quick service by ordering early.

GUARANTEE.—While we use every care to see that seeds are pure and reliable, it is impracticable to guarantee seeds under all circumstances. There are many contingencies arising; not sowing at a proper depth; the soil not in proper condition at time of planting, too wet or too dry; insects destroying the plants as soon as or before they appear; temperature not conducive to germination; all of which prove the injustice to the honest seedsmen of the guarantee.

For this reason we give no warranty, express or implied as to description, quality, productiveness, or any other matter of any Seeds, Plants or Bulbs we send out, and we will not be, in any way, responsible for the crops grown therefrom. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money that has been paid for the same will be refunded.

All offers and quotations are made for immediate acceptance; prices subject to change without notice and being unsold on receipt of order.

Address all orders to the **EL PASO SEED COMPANY, Incorporated EL PASO, TEXAS,**

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EL PASO SEED CO'S. PLANTING CHART

VARIETY	Seed for 100 ft. row	Seed for 1 acre	Time of Planting	Put Rows Apart	Leave Pits, Apart in Row	Crop Matures in about	Depth of Planting
Artichoke, Globe.....	2 1 kts.	12 oz. T.	October to May.....	5 ft.	3 ft.	2nd Spring.....	1 inch
Artichoke, Plants.....	32 Plants	3000 P.	Dec. to April.....	5 ft.	3 ft.	Next Spring.....	.....
Artichoke, Jerusalem.....	3 lbs.	300 lbs.	December to May.....	4 ft.	3 ft.	Late Summer.....	3 inches
Asparagus Seed.....	1 oz.	2 lbs. T.	February to May.....	6 ft.	3 ft.	Third Spring.....	1 inch
Asparagus Plants.....	32 Plants	11000 P.	December to May.....	4 ft.	1 ft.	Next Spring.....	.....
Beans, Bush.....	1 lb.	60 lbs.	Jan. to September.....	3 ft.	6 in.	2 to 3 Months.....	1 to 2 inches
Beans, Pole.....	3 lb.	50 lbs.	Jan. to September.....	3 ft.	1 1/2 ft.	2 to 3 Months.....	1 to 2 inches
Beet, Table.....	2 oz.	10 lbs.	All Year.....	2 ft.	6 in.	3 to 3 1/2 Months.....	3/4 inch
Beet Stock.....	2 oz.	8 lbs.	September to May.....	3 ft.	4 ft.	4 to 6 Months.....	1 inch
Broccoli.....	1 pkt.	4 oz. T.	Nov. to April.....	2 1/2 ft.	1 ft.	3 1/2 Months.....	1/4 inch
Brussels Sprouts.....	2 kts.	1 oz.	October to May.....	2 1/2 ft.	1 1/2 ft.	5 Months.....	1/2 inch
Cabbage, Early.....	1 pkt.	8 oz. T.	All Year.....	2 1/2 ft.	2 ft.	3 to 4 Months.....	1/2 inch
Cabbage, Late.....	1 pkt.	8 oz. T.	All Year.....	2 1/2 ft.	2 ft.	4 to 5 Months.....	1/2 inch
Carrot.....	1 oz.	4 lbs.	All Year.....	24 in.	6 in.	4 Months.....	1/4 to 1/2 inch
Caiflower.....	1 oz.	4 oz. T.	June to January.....	3 ft.	2 1/2 ft.	7 to 6 Months.....	1/2 inch
Celery.....	2 1 kts.	5 oz. T.	January to May.....	3 ft.	6 in.	7 to 5 Months.....	Very shallow
Celeriac.....	1 pkt.	6 oz.	January to May.....	1 ft.	2 1/2 ft.	.....	1/4 inch
Chervil.....	3 kts.	1 lb.	Jan. to August.....	30 in.	5 in.	2 Months.....	1/4 inch
Chives.....	2 kts.	2 lbs.	September to May.....	30 in.	5 in.	3 to 4 Months.....	3/4 inch
Collards.....	1 pkt.	8 oz. T.	All Year.....	30 in.	15 in.	4 Months.....	1/2 inch
Chicory.....	2 kts.	4 lbs.	September to May.....	30 in.	8 in.	2 to 3 Months.....	1/4 inch
Corn Salad.....	1 oz.	5 lbs.	Feb. to Nov.....	30 in.	8 in.	2 to 3 Months.....	1/4 inch
Corn, Sweet.....	1 lb.	10 lbs.	March to Sept.....	36 in.	12 in.	2 1/2 to 3 Months.....	1 inch
Cucumber.....	2 kts.	2 lbs.	March to Sept.....	6 ft.	4 ft.	2 to 3 Months.....	1 inch
Handelson.....	1 pkt.	3 lb.	Sept. to April.....	30 in.	10 in.	3 Months.....	1/4 inch
Egg Plant.....	1 pkt.	4 oz. T.	January to August.....	30 in.	2 ft.	4 Months.....	1/2 inch
Endive.....	1 oz.	3 lbs.	August to May.....	30 in.	8 in.	3 Months.....	1/2 inch
Garlic (sets).....	2 lbs.	300 lbs.	Sept. to March.....	30 in.	6 in.	5 to 6 Months.....	.....
Horse Radish.....	70 Plants	10000 P.	December to May.....	30 in.	18 in.	6 Months.....	.....
Kale.....	2 kts.	2 lbs.	All Year.....	30 in.	18 in.	2 to 3 Months.....	1/2 inch
Kohlrabi.....	1 pkt.	4 lbs.	All Year.....	30 in.	6 in.	4 Months.....	1/2 inch
Leek.....	1 oz.	4 lbs.	Sept. to April.....	24 in.	6 in.	4 Months.....	1/2 inch
Lettuce.....	2 kts.	3 lbs.	All Year.....	24 in.	8 in.	2 to 3 Months.....	1/2 inch
Melons, Musk.....	2 Pkts.	1 1/2 lbs.	March to July.....	6 ft.	4 ft.	3 to 4 Months.....	1 inch
Melons, Water.....	1 oz.	2 lbs.	March to July.....	8 ft.	6 ft.	3 to 4 Months.....	1 inch
Mustard.....	1 pkt.	2 lbs.	All Year.....	4 ft.	2 1/2 ft.	3 to 5 Weeks.....	1/2 inch
Okra.....	1 oz.	8 lbs.	April to July.....	3 ft.	2 ft.	3 Months.....	1 inch
Onion seed.....	1/2 oz.	3 lbs.	Sept. to April.....	24 in.	5 in.	4 1/2 to 6 Months.....	1 inch
Onion sets.....	2 lbs.	300 lbs.	All Year.....	18 in.	3 in.	2 to 4 Months.....	.....
Onion Seed for Sets.....	2 oz.	40 lbs.	All Year.....	2 ft.	Drill	2 to 3 Months.....	.....
Parsley.....	1 pkt.	4 lbs.	All Year.....	24 in.	6 in.	3 Months.....	Very shallow
Parship.....	2 Pkts.	6 lbs.	All Year.....	30 in.	8 in.	4 Months.....	1/2 inch
Peas.....	1 lb.	75 lbs.	All Year.....	36 in.	3 in.	2 to 4 Months.....	2 inches
Pepper.....	1 pkt.	6 oz. T.	January to July.....	36 in.	18 in.	3 to 4 Months.....	1/2 inch
Potatoes.....	5 lbs.	600 lbs.	Dec. to Sept.....	36 in.	10 in.	2 to 3 Months.....	5 inches
Potatoes, Sweet.....	70 Plants	10000 P.	March to July.....	36 in.	18 in.	3 to 4 Months.....	3 inches
Pumpkin.....	2 Pkts.	2 lbs.	March to August.....	10 ft.	8 ft.	3 to 4 Months.....	1 inch
Radish.....	1 oz.	12 lbs.	All Year.....	18 in.	3 in.	1 to 2 Months.....	1/4 inch
Rhubarb.....	2 Pkts.	4 ouz.	January to April.....	5 ft.	3 ft.	2nd Spring.....	1/2 inch
Rhubarb Roots.....	33 Roots	3000 P.	December to May.....	5 ft.	3 ft.	Next Spring.....	2 inches
Salsify.....	8 lbs.	.....	February to Oct.....	30 in.	4 in.	4 Months.....	1 inch
Spinach.....	1 oz.	20 lbs.	All Year.....	24 in.	2 in.	40 to 65 Days.....	1 inch
Squash, Bush.....	2 Pkts.	3 lbs.	February to Oct.....	4 ft.	3 ft.	2 Months.....	1 1/2 inch
Squash, Running.....	2 Pkts.	2 lbs.	February to Aug.....	8 ft.	6 ft.	3 to 4 Months.....	1 1/2 inch
Tomato, Seed.....	1 pkt.	3 ouz. T.	February to Aug.....	5 ft.	3 ft.	4 to 5 Months.....	1/2 inch
Tomato, Plants.....	35 Plants	3000 P.	March to Oct.....	5 ft.	3 ft.	2 to 3 Months.....	.....
Turnip.....	2 Pkts.	4 lbs.	All Year.....	24 in.	6 in.	3 to 4 Months.....	1/2 inch
Turnip Swede or Rutabaga.....	2 Pkts.	3 lbs.	All Year.....	24 in.	8 in.	3 to 4 Months.....	1/2 inch

T.—In the quantity column means these varieties are to be sown in hot bed and transplanted to the field.

FIELD SEEDS	Lbs. per Acre	FIELD SEEDS	Lbs. per Acre	FIELD SEEDS	Lbs. per Acre	SPACING AND NUMBER PLANTS PER ACRE			
Alfalfa.....	20	Corn (Cont.)	.....	Grass (Cont.)	.....	Distance Apart	No. of Trees or Plants per Acre	Distance Apart	No. of Trees or Plants per Acre
Beans Field.....	10	Egyptian Wheat.....	6	Sudan Drill.....	3	3 by 4 in.	522,720	6 by 8 ft.	907
Tepary.....	10	Broom.....	15	Sudan Broadcast.....	10	4 by 4 in.	392,040	6 by 9 ft.	806
Pink.....	30	Flax.....	30	.....	.....	6 by 6 in.	174,240	6 by 10 ft.	726
Navy.....	20	Grain.....	.....	Pearl, Drills.....	6	1 by 1 ft.	43,560	7 by 7 ft.	888
Sojo.....	30	Parley.....	100	Pearl, Broadcast.....	30	1 1/2 by 1 1/2 ft.	19,360	8 by 8 ft.	680
English or Broad.....	50	Oats.....	80	Common.....	30	2 by 1 ft.	21,780	9 by 9 ft.	537
Buckwheat.....	30	Rye.....	60	Hungarian.....	40	2 by 2 ft.	10,890	10 by 10 ft.	435
Clover.....	.....	Spelts.....	50	Japanese.....	35	2 1/2 by 2 1/2 ft.	6,960	11 by 11 ft.	360
Alsike.....	10	Grass.....	.....	Siberian.....	30	3 by 1 ft.	14,520	12 by 12 ft.	302
Burr Clover.....	15	Alfalfa.....	5	Peas, Field.....	75	3 by 2 ft.	7,260	14 by 14 ft.	222
Crunson.....	15	Aus. Salt Bush.....	1 1/2	Canadian.....	75	3 by 3 ft.	4,840	15 by 15 ft.	193
Egyptian.....	15	Bermuda.....	10	Blue Prussian.....	40	3 1/2 by 3 1/2 ft.	3,555	16 by 16 ft.	170
Japanese.....	20	Brome.....	20	Garbanza.....	50	4 by 1 ft.	10,890	16 1/2 by 16 1/2 ft.	160
Melilotus Indica.....	20	Crested Dogtail.....	30	Lentils.....	50	4 by 2 ft.	5,445	17 by 17 ft.	150
Melilotus Alba.....	15	Ky. Blue for Pasture.....	50	.....	.....	4 by 3 ft.	3,630	18 by 18 ft.	134
Red.....	15	Ky. Blue for Lawn.....	175	Pea, Cow.....	50	4 by 4 ft.	2,722	19 by 19 ft.	120
White.....	12	Orchard.....	35	Whippoorwill.....	50	5 by 1 ft.	2,150	20 by 20 ft.	108
Corn.....	.....	Rye.....	10	Blackeye.....	30	5 by 2 ft.	18,712	25 by 25 ft.	69
Field.....	10	Red Top.....	15	New Era.....	50	5 by 3 ft.	4,356	.....	.....
Ensilage.....	75	Timothy.....	20	Peanuts in Shell.....	35	5 by 4 ft.	2,904	30 by 30 ft.	48
Egyptian.....	6	Hungarian.....	30	Rape.....	5	5 1/2 by 5 1/2 ft.	1,742	33 by 33 ft.	40
Kaffir.....	6	Mesquite.....	35	Rice.....	80	5 1/2 by 5 1/2 ft.	1,440	40 by 40 ft.	27
Feterita.....	6	Hemp.....	25	Sunflower.....	4	6 by 6 ft.	1,200	50 by 50 ft.	17
Milo Maize.....	6	.....	.....	.....	.....	6 1/2 by 6 1/2 ft.	1,031	60 by 60 ft.	12
.....	.....	.....	.....	.....	.....	6 by 7 ft.	1,031	66 by 66 ft.	10

CATALOG PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Due to extremely unsettled conditions in the seed market this year we find it necessary to make all catalog prices subject to change without notice. At all times we shall have in mind our customers' welfare, and prices will be consistent with the market.

CHAMBER HELPS IN GETTING A RELIABLE TRUCK CROP SURVEY

Cabbage, Spanish onions, lettuce, spinach and cantaloupes are the truck crops best adapted to production in carlot quantities in the El Paso valley, according to the report of O. D. Miller, assistant in marketing, U. S. Bureau of Markets and Crop Estimates, who was brought to the valley by El Paso Chamber of Commerce last month to set up the facts relative to future truck possibilities. Mr. Miller's survey cost the Chamber \$132 and is worth thousands to our farming community. Manager H. C. Stewart, of the Agricultural Department, assisted Mr. Miller in reaching all parts of the valley. The report is on file in this department for public information and guidance.

"Cabbage shows the greatest promise for a sure crop and a consistent market," said Mr. Miller. "From about 200 cars this year at \$25 to \$30 a ton, cabbage growers should realize \$125 to \$200 an acre above expenses."

"Soil and climatic conditions make the Rio Grande Project a natural onion producing district, the Spanish variety commanding attention. Spanish onions shipped from this district in 1919 netted shippers \$2 a crate, or nearly \$1000 an acre."

"Lettuce could be shipped to outside markets at two seasons. This district has the advantage of a lower freight rate to the large middle-

western markets than its winter competitors, amounting to around 35 cents a crate or more. It appears that the average net return to the grower should range from \$125 to \$150 per acre. Between May 1 and 15 ten cars were shipped by one grower to New Orleans and Eastern Texas points.

"Spinach, with proper fertilization, grows like a weed in this district. In carlots a reasonable return would be from \$70 to \$135 per acre."

"Yield of cantaloupes in 1921 averaged 390 crates to the acre from the Mesilla valley, returning about \$120 per acre. Production in El Paso valley has been about 15 cars a year."

Various other profitable crops are suggested by Mr. Miller. He gives the following estimates of consumption of valley truck in the El Paso market: Cabbage, onions, lettuce and tomatoes, each 3 cars per week; watermelons, 9; cantaloupes, 6; celery, 2; spinach, 1; cauliflower, 1; sweet potatoes, 20 cars yearly. He says that El Paso dealers show a disposition to supply their trade as completely as possible from home grown stock. Vegetables paid for in California and freighted to El Paso cannot compete with locally grown stock of equal quality, he says.

Mr. Miller emphasizes the necessity of advance sales by growers and proper packing for the markets.

Tables for Handy Reference on the Farm and in the Home

WEIGHTS PER BUSHEL

Lbs.	Lbs.
Alfalfa	60
Artichokes, Jerusalem	48
Barley	48
Beans, bush and pole	60
Rye	56
Broom Corn Seed	46
Bran	20
Buckwheat	50
Canary Seed	60
Charcoal	22
Clover, Red, White and Alsike	60
Clover, Japanese	25
Corn, Egyptian	50
Corn, Jerusalem	50
Corn, Kaffir	56
Corn, Shelled	56
Corn, Pop	70
Flax Seed	56
Grass Seed, Blue	14
Grass Seed, Broom	14
Grass Seed, Crested Dogtail	20
Grass Seed, Hungarian	48
Grass Seed, Mesquite	7
Grass Seed, Orchard	14
Grass Seed, Red Top	14
Grass Seed, Rye Grass Perennial	20
Grass Seed, Rye Grass Italian	20
Grass Seed, Timothy	45
Hemp	44
Millet	50
Milo Maize	50
Onions	57
Onions, Sets	32
Peanuts	22
Peas, Round, Seeded	60
Peas, Wrinkled	56
Potatoes	60
Potatoes, Sweet	50
Beans, Castor	46
Sorghum	50
Vetches	60
Wheat	60

ANTIDOTES FOR POISONS

First—Send for a physician.

Second—Induce vomiting, by tickling throat with feather or finger; drinking hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

Acids are antidotes for Alkalies, and vice versa.

SPECIAL POISONS AND ANTIDOTES

Acids—Muriatic, Oxalic, Sulphuric (Soap-suds, magnesia, (Oil of Vitrol), Nitric, (Agua Fortis). (Lime water.
 Prussic Acid—Ammonia in water. Dash water in face.
 Carbolic Acid (Whisky or dilute grain alcohol if obtainable, flour and water, mucilaginous drinks.
 Alkalies—Potash, Lye, (Vinegar or lemon Hartshorn, Ammonia. (Juice in water.
 Arsenic—Rat Poison, (Milk, raw eggs, sweet oil, Paris Green. (Lime-water, flour and water.
 Bug Poison—Lead, Saltpetre, Corrosive (Whites of eggs, or Sublimate, Sugar of Lead, Blue Vitriol. (milk in large doses.
 Chloroform—Chloral (Dash cold water on head and chest. Ether. (Artificial respiration.
 Carbonate of Soda—Copperas, (Soap suds and Cobalt, (mucilaginous drinks.
 Iodine—Antimony, (Starch and water astringent Tartar Emetic. (Infusions, Strong tea.
 Mercury and Its Salts:—Whites of eggs, milk, mucilages.

HOW TO MEASURE HAY IN THE MOW OR STACK

A ton of dry hay is variously estimated from 400 to 500 cubic feet to the ton.

To be on the safe side it is best to estimate about 500 cubic feet to the ton.

HAY IN THE MOW

Rule—Multiply the length in feet by the height in feet, and this by the breadth in feet, and divide the result by 500 and you have the number of tons.

Example: How many tons of hay in a mow 20 feet long, 10 feet high, and 15 feet wide.

Solution: $20 \times 10 \times 15 = 3000$. Ans.

HOW TO ESTIMATE THE NUMBER OF TONS IN A STACK

Rule—Multiply the length in feet by the width in feet, and this by one-half the height, and divide the product by 300.

Example: How many tons of hay in a stack 20 feet long, 12 feet high, and 15 feet wide.

Solution: $20 \times 12 \times 15 = 3600$. Ans.

HOW TO ESTIMATE THE CONTENTS OF A ROUND STACK

Rule—Multiply the square of the distance around the stack in yards by 4 times the height in yards, and point off two places from the right, and this will be the number of cubic yards in the stack, which divided by 20 will equal the number of tons.

Example: How many tons of hay in a stack, distance around the bulge, 25 yards, and height, 9 yards.

Solution: $25 \times 25 = 625$, then $625 \times 36 = 22,500$, pointing off two places makes 225, then $225 \div 20 = 11.25$ tons. Ans.

*Some authorities allow only 350 cubic feet for a ton of timothy hay when thoroughly settled. Others allow 343 to 420. For millet allow only 216 cubic feet to a ton. The fact is, hay in sack or mow can only be approximately ascertained by measurement.

HOW TO FIND THE NUMBER OF BUSHELS OF GRAIN IN A BIN OR BOX

Rule—Multiply the length in feet by the height in feet, and then again by the breadth in feet, and then again by 8 and cut off the right hand figure. The last result will be the number of bushels.

Example: How many bushels in a bin 12 feet long, 10 feet wide, and 6 feet high.

Solution: $12 \times 10 \times 8 = 960$. Ans.

Note—For exact results multiply the length in inches by the height in inches, and that again by the width in inches, and divide the result by 2150.4, the number of cubic inches in a bushel.

SHRINKAGE OF GRAIN

In deciding to keep their grain farmers should take into account the shrinkage. Wheat will shrink two quarts to the bushel in six months from the time it is threshed. Corn shrinks much more, the shrinkage being nearly one fifth of the whole amount. So that for corn forty cents from the field is as much as fifty cents in March. In the case of potatoes, the loss from October to May is about thirty-three per cent.

TABLES OF WEIGHTS AND MEASURES

LIQUID OR WINE MEASURE

4 gills make one pint, 2 pints make 1 quart, 4 quarts make 1 gallon, 8 1/2 gallons make 1 barrel, 2 barrels make 1 hogshead.

LONG MEASURE—DISTANCE

3 barleycorns 1 inch, 12 inches 1 foot, 3 feet 1 yard, 5 1/2 yards 1 rod, 40 rods 1 furlong, 8 furlongs 1 mile, 5,280 feet 1 mile, a knot, or nautical mile, 6,086.7 feet, or about 1.18 mile.

SQUARE MEASURE

144 square inches 1 square foot, 9 square feet 1 square yard, 30 square yards 1 square rod, 40 square rods 1 rood, 4 roods 1 acre, or 160 square rods 1 acre, 43,560 square feet 1 acre, 100 square feet 1 square.

CUBIC MEASURE

1,728 cubic inches 1 cubic foot, 27 cubic feet 1 cubic yard, 128 cubic feet 1 cord (wood), 40 cubic feet 1 ton (shipping), 2,150.42 cubic inches 1 standard bushel, 291 cubic inches 1 standard gallon, 1 cubic foot four-fifths of a bushel.

METRIC SYSTEM

The unit of the Metric System is the meter 39.37 inches long, 1 kilometer equal about 5/8 of a mile. The gram is the unit of weight, weighing 15 1/2 avoirdupois grains; a kilogram weighs 2 1/5 pounds. The liter is the unit of measure of capacity and equal .908 dry quarts, a hectoliter equal about 26 gallons. A hectare equals 2.47 acres.

FERTILIZER—AMOUNTS TO USE

First find the number of square feet in space you wish to fertilize.

New Lawns.....5 lbs. to 100 square feet
 Old Lawns.....3 lbs. to 100 square feet
 Vegetable Garden.....2 lbs. to 100 square feet
 Grains.....150–250 lbs. per acre
 Vegetables.....300–400 lbs. per acre
 Fruit Trees.....1 lb. per year in age of tree
 Small Shrubs and Bushes.....A handful every two months
 Potted Plants.....A teaspoonful every month

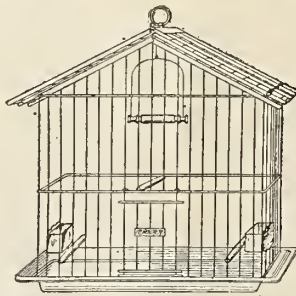
The above directions are for standard commercial fertilizers of a good grade. These will necessarily vary depending on the particular plant. For further information write us.

WHAT SIZE SILO SHOULD BE BUILT

In deciding upon what size silo to build it should be taken into consideration that a proper proportion should be observed between the diameter of the silo and the amount of stock to be fed.

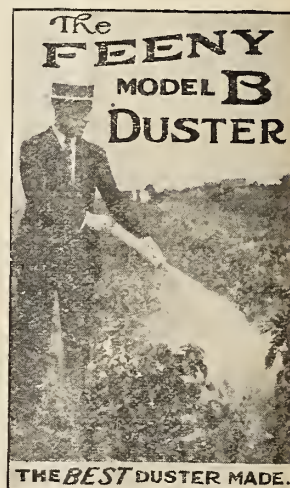
These figures are based on a feeding period of one hundred and eighty days, feeding forty pounds per head per day, or three and one-half tons per head for the period.

Outside Diameter	Height	Estimate Capacity in Tons	Cattle	Acres	Outside Diameter	Height	Estimate Capacity in Tons	Cattle	Acres
10	20	30	8	3	20	28	170	49	17
12	20	45	12	4	10	30	48	13	4
14	20	60	16	5	12	30	75	22	8
16	20	80	21	7	14	30	100	28	10
10	22	33	10	3	16	30	120	34	11
12	22	50	14	5	18	30	150	44	15
14	22	66	17	6	20	30	185	52	18
16	22	87	23	8	10	32	53	15	5
10	24	36	11	4	12	32	84	22	8
12	24	55	16	5	14	32	110	33	11
14	24	73	21	7	16	32	130	38	13
16	24	95	27	9	18	32	162	45	16
18	24	120	34	11	20	32	200	56	20
20	24	140	40	13	10	34	58	15	5
10	26	40	10	3	12	34	94	27	9
12	26	60	16	5	14	34	120	34	11
14	26	80	21	7	16	34	142	40	14
16	26	103	29	10	18	34	175	50	18
18	26	130	38	13	20	34	217	62	21
20	26	155	45	15	10	36	64	17	7
10	28	44	12	4	12	36	105	28	10
12	28	64	18	7	14	36	130	38	13
14	28	90	26	9	16	36	155	45	15
16	28	111	33	11	18	36	190	54	19
18	28	140	40	13	20	36	235	71	28



NEW COLLAPSIBLE BIRD CAGE

We offer this year for the first time the new enameled collapsible bird cage for sending by parcel post. Packed in a neat pasteboard box, this cage may be sent with safety any distance by parcel post. It is a nifty, well built cage and an ornament in any home. Our special arrangement with the manufacturer and the fact that we placed a large order enables us to sell this cage at a very low priced and we are making a leader of it this year. If your old cage is tarnished and worn and you have been thinking for some time that you would buy "birdie" a new home, this is your opportunity to do so at a nominal cost. Price—(Each \$4.50) postpaid. See page 46 for other cages.



THE FEENY DUSTER

The most satisfactory small garden duster ever put out. Very satisfactory. Price each \$1.25. Not post paid.

IT IS EASY ENOUGH TO CLAIM THAT WE SELL THE VERY BEST QUALITY OF SEED, BUT

HERE IS THE PROOF

Is it not a fact that the Market Gardener is the most careful of all Planters in the selection of his seed? He does not follow the advertisements. He must be convinced that the firm he deals with must have pure and reliable seed. Long before he buys his seed, he makes inquiries of his neighbors, assuring himself of the best place to buy his seed. He visits almost every seed store in his vicinity, reads most all of the catalogues. He does it because it is money to him. His whole year's work depends on the seed he plants.

So it is safe to advise all Planters, whether buying a large amount or just for a little garden in your back yard, to follow the Market Gardener. As we sell more seed to the Market Gardeners in this section than all the other seed firms combined, stands as an undisputable proof that our seeds are of the HIGHEST QUALITY.



Partial view of the interior of the El Paso Seed Company's new retail store.



Outside view of our store, directly opposite the City Market House.

We feel that we are better equipped, on account of our facilities, to handle your business in the way of seeds, poultry supplies, insecticides, fertilizers and related industries than any other house in El Paso. Both our retail and warehouse locations are new and we have gone to considerable expense to provide in the new buildings all the labor saving devices, and acknowledged successful systems to better our service to you.

The retail store of the El Paso Seed Company is now located on the corner of East San Antonio and Florence Sts. opposite the City Market. This makes it convenient for the market gardener and farmer as well as for the people living in the city. There is usually plenty of parking space near our store, making it pleasant for our customers, as they do not have to park their cars several blocks away.

Visitors are always welcome here, whether they intend to make purchases or come in just to see our pets, of which we always have a good variety in stock, such as monkeys, dogs, cats, rats, parrots, birds, etc.



View of Danvers' Half Long Carrots and Denia Onions grown from El Paso Seed Co.'s Tested Acclimated Seeds on the Frank Coles Ranch near El Paso, Texas. This Ranch has used El Paso Seed Co.'s Tested Seeds exclusively for over 10 years.



View of a field of Golden Self Blanching Celery and 10-25 Pollock Cantaloupes grown from El Paso Seed Co.'s Tested Acclimated Seeds on the Martinez Ranch by Mr. Young. Note the uniform growth. Mr. Young has been using our Seeds for over 11 years.

Seed Catalog

You also have thrust upon you without cost the annual seed catalog which helps you out where all else fails. It tells you in a nutshell what to plant, when, where and how to plant it, and most important of all, your seed catalog tells you where to buy the most reliable seeds for each particular condition of soil, climate and market. There is positively no excuse for inefficiency.

Marketing the Small Crop at Home

If your garden is by the highway, your marketing question is solved, but you cannot build up a dependable trade with the offer of something now and then; have something all the time. Have your neighbors cooperate with you in growing something the year 'round so that the customers who daily pass your place may depend upon you for their regular requirements.

Do You Want This Catalog?

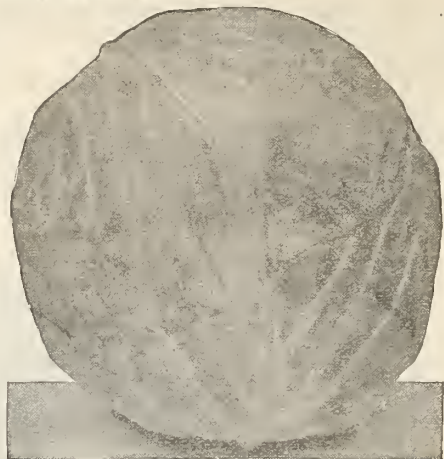
Be sure and send us order for seeds if you want this catalog next year. If you do not send us an order your name is taken from our mailing list, believing you have changed your address, or you may have come to the store, where you can get a catalog at the counter. We prefer to have you on our list as an annual customer; then you will always get our catalog as soon as it comes from the press.

WHEN YOU CHANGE YOUR ADDRESS NOTIFY US IF YOU WANT THIS CATALOG

CABBAGE

The Heaviest Yielding First Early Cabbage. The Earliest, Large, Round-Headed Variety. Very Popular With Market Gardeners and Most Excellent for the Home Garden.

WORLD BEATING COPENHAGEN MARKET



COPENHAGEN MARKET CABBAGE

An extra early Summer Cabbage maturing fully as early as Jersey Wakefield but producing larger heads than any other Cabbage equally as early. The heads average about 10 pounds each in weight, are ball-shaped, solid and firm, with a small core fine veins, of splendid quality, and remain in marketable condition for a considerable length of time. The type is thoroughly fixed and the heads mature all at the same time, so that the entire crop can be harvested at one time and the field cleared for other crops. The leaves are of light green color, tightly folded together in a remarkably solid and compact form; it has few outer-leaves carrying inwards, its upright growth permitting closer planting than any variety with heads of similar size; it has a short stem, growing close to the ground. Our stock is grown by the originator in Denmark; it is that strain which produces the large, heavy, round heads of excellent quality, which have made this variety famous.

Pkt. 10c; oz. 35c; 2 oz. 60c; 1/4 lb. \$1.15; 1/2 lb. \$2.00; 1 lb. \$3.50.

Put up in one pound sealed bags direct from grower \$1.00 per lb.

BEANS

CHINESE CELESTIAL OR YARD LONG BEANS

A good table bean as well as a curiosity. It is very prolific and a rank grower. Should have ample arbor to climb upon. It should be grown more extensively in the home garden. It is of Chinese origin and one of the best vegetables emanating from that source. It is also absolutely rust-proof. Pkt. 15c, 1 oz. 30c, postpaid.

GIANT STRINGLESS GREEN POD BEAN

PERFECTLY STRINGLESS, ATTRACTIVE LONG GREEN PODS. An exceedingly productive and very handsome sort. The plants are large, vigorous and spreading. The pods are large and nearly round, and of medium green color. They mature a few days later than Purple's Stringless Green pod, average one-fourth inch longer and are more nearly straight. This variety has achieved unheard-of popularity in Southwest Texas, where it has made good in every instance.

Price: Pkt. 10c, 1 lb. 30c, postpaid.

SQUASH

MEXICAN SQUASH The favorite Mexican Squash. Like the Italian Squash it should be eaten when quite young, four to six inches long. It is a delicious summer variety; do not hesitate to plant it. It is very prolific, a few hills will suffice to keep the family well supplied the entire summer. This Squash is a big money maker for the Market Gardener, as it commands from 5c to 10c per pound more than any other variety. Some of our market gardeners near El Paso plant as many as five acres. Make first planting as early as the weather will permit. Second planting about August 15th for late crop. Price: Pkt. 10c, oz. 30c, 1/4 lb. \$1.75, 1 lb. \$5.00 postpaid.

WATERMELONS

IMPORANT NOTICE.—Owing to the tendency of the seed of this melon to split open, we advise you to soak the seed in water for only a few hours. It soon closes and is ready to plant, and every seed will germinate, but if planted before soaking, the seed fills with dirt and decays. Please heed this notice.

WHITE SEEDED ANGELENO

The most attractive

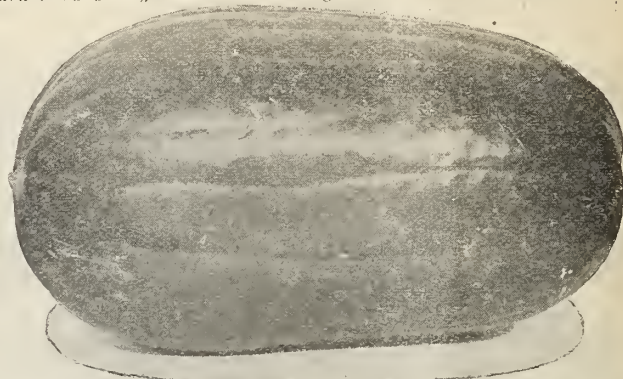
in appearance of all watermelons—its large size, beautiful dark green rind with a tinge of gold through the green. No other variety compares with the Angeleno in its bright red flesh, red to the rind and entirely free from fibre, simply melts to water, and not excelled in flavor. If the picker will observe the gold showing thru the green as soon as it is

ripe, he need never pick an unripe melon.

AS A SHIPPER it is extraordinary because it rarely breaks, even supporting the weight of a man weighing 170 pounds. A cartload will average in weight from 25 to 30 pounds to the melon. Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50, postpaid.

BLACK SEEDED ANGELENO Owing to the persistent demand for a black seeded melon, we have by hybridizing the Angeleno with the Black Seeded Chilian, and by four years of selection, succeeded in producing a pure Black Seeded Angeleno. It lost none of its excellence; indeed, if it were possible, it has improved. This improvement is noticeable in melons that show a trace of the stripe of the Chilian. When you see the stripe you know it is a good one. Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$2.00, postpaid.

If you want a black seeded melon, do not hesitate to plant the Black Seeded Angeleno. It is all right.



TRUE TYPE OF PURE KLONDIKE—THE BEST MELON THAT EVER GREW. BROWN SEEDS

KLONDIKE This is now indisputably the most popular melon on the market. Why? Because it has a flavor quite as distinct from other watermelons as is a Bartlett pear from any other pear, and is sweeter even to the thin rind than any other. It is popular with the grower because it is wonderfully adapted to dry farming, wonderfully prolific, early, long and continuous bearing; the vines seem in their prime in September and October, long after other varieties have disappeared. Planted in rows twenty feet apart on dry soil that has been scientifically prepared the vines will interlace.

The seed is small. One pound of Klondike will number as many seeds as two pounds of other varieties. The color of the seed is brown, mottled black. Pkt. 10c, oz. 35c, 1/4 lb. \$1.00, 1 lb. \$3.00, postpaid.



This photograph shows the actual picking size of The Mexican Squash as grown on the Catarino Pedregon Ranch, Ysleta, Texas.

Some Magnificent Novelties and Specialties for 1923

FLOWER SEEDS

CALENDULA "ORANGE KING"

Double, dark orange-red, select strain, grown with the greatest of care, and with cultivation will produce flowers four inches and over in diameter. Height, eighteen inches. Price, 10c per packet.

CALENDULA "LEMON QUEEN"

Double, bright sunflower yellow. This variety is equally as popular as "Orange King" as the blooms are fully as large. Height, eighteen inches. Price, 10c per packet.

CHINESE WOOL-FLOWER

(Celosia Childsii)

The Chinese wool-flower is a new celosia, and a most magnificent garden annual and remarkable floral novelty. Plants grow two to three feet high, the blooms starting with a central head, round and globular, and often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet or pink wool but not as large as the central one. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like one immense bouquet. None of the blooms fade in any way, to partly spoil the looks of the plant, but they deepen in richness of color to a deep crimson.

Crimson-Scarlet	Pkt. 25c
Rose-Pink	25c
Yellow	25c

CARDINAL CLIMBER

IPOMEA HYBRID. It is one of the most striking climbers yet introduced. Grows to a height of 30 feet with attractive green foliage covered with a blaze of bright cardinal red flowers. A warm, sunny locality is best. Soak the seed in hot water over night, sow in boxes and transplant

15c

CENTAUREA CYANUS

(Bachelor's Button or Cornflower) 2 ft.

It is not a pretentious plant but will always charm by its simple beauty. Re-seeds itself and may be used for naturalizing purposes.

SINGLE FLOWERING VARIETIES

White, ½ oz., 35c; pkt., 10c.
 Blue Emperor. ½ oz., 20c; lb., \$4.00; pkt., 10c.
 Rose, Pkt., 10c.
 Mixed, all colors. ½ oz., 15c; ¼ lb., 75c; pkt., 10c.

DOUBLE FLOWERING VARIETIES

White. Oz., 60c; ¼ oz., 20; pkt., 10c.
 Blue. Oz., 60c; ¼ oz., 20c; pkt., 10c.
 Pink and Rose Shades. Oz., 60c; ¼ oz., 20c; pkt., 10c.
 Double Mixed. ½ oz., 25c; pkt., 10c.

(Giant Sweet Sultan) 2½ ft.

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet scented, artistic shaped flowers are borne on long, strong stems; when cut will last for several days in good condition.

White.
 Lilacina. Dark Lilac.
 Favorita. Brilliant Rose.
 Splendens. Purple crimson.
 Rose and White.
 Deep Lavender.
 Each of the above, ¼ oz., 20c; pkt., 10c.
 Mixed, all colors. ¼ oz., 15c; pkt., 10c.

BALLON VINE

Love in a Puff. A clean, free-growing vine reaching 10 to 15 feet, bearing delicate clusters of bloom and numbers of large, round, inflated seed-buds resembling miniature balloons. The effect is most odd and curious. It is in every way a very attractive vine. Oz. 30c, pkt. 10c.

DOLICHOS

(Hyacinth Bean) 10 ft.

A rapid-growing annual climber. Flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented.

Princess Helen (Daylight). Snow white flowers followed by silvery white seed pods. Oz., 25c; pkt., 10c.

Purple Soudan (Darkness). Attractive rose-violet flowers with dark ruby-purple seed pods. 1 oz., 25c; pkt., 10c.

Mixed, all colors. 2 oz., 35c; 1 oz., 20c; pkt., 10c.

Liguosus (Australian Pea Vine). A rapid-growing evergreen climber, flowering freely in clusters of rose pea-shaped flowers. Pkt., 10c.

PHLOX DRUMMONDI

The Phloxes are the showiest and most easily raised of all Annuals. We know of nothing which produces such a continuous supply of the most attractive flowers in a most wonderful range of colors. All the tints of the rainbow are represented with all possible variations of stripes, veins and eyes of contrasting shades. Seed should be sown in the ground as danger of frost is over and in a few weeks the beds are a blaze of glory.

GRANDIFLORA VARIETIES Square 1 ft.

This section has beautiful, round-petaled flowers, which overlap each other.

Alba. Pure white.

Carnea. Flesh color.

Chamois. Soft Lilac.

Coccinea. Fiery scarlet.

All the above—½ oz., 30c; 200 seeds, pkt., 10c.

Splendid Mixture... 1 oz., \$1.25; ¼ oz., 35; 250 seeds, pkt. 10c.

DELPHINIUM

(Annual Larkspur)

These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring.

STOCK-FLOWERED

Lustrous Carmine (Newport Pink).

Flesh Color. Deep Lavender. White. Dark Blue. Sky Blue.

Each of the above, ¼ oz., 25c; 1 oz., 80c; pkt., 10c.

Mixed, all colors. 1 oz., 60c; ¼ oz., 20c; pkt., 10c.

DOUBLE ANNUAL POPPIES

American Flag. Flowers very large, snow white, scarlet bordered. ½ oz., 20c; pkt., 10c.

Fairy Blush. The flowers have the effect of large feathery balls, overcast with a rosy shade. ¼ oz., 20c; pkt., 10c.

Special Mixture Double and Single Poppies. Comprises not only all the double and single Poppies described, but also a number of other sorts especially purchased for this mixture, including some entirely new ones. 1 oz., 30c; ½ oz., 20c; pkt., 10c.

Giant Double Pure White. ½ oz., 20c; pkt., 10c.

Giant Double Pale Yellow. ½ oz., 20c; pkt., 10c.

Giant Double Pink. ½ oz., 20c; pkt., 10c.

Giant Double Cardinal Red. ½ oz., 20c; pkt., 10c.

Giant Double Lilac. ½ oz., 20c; pkt., 10c.

AMERICAN BEAUTY SPENCER SWEET PEA

Four very large blooms on every long stem of a bright and constant rose color, which does not purple as the flowers get older; it is one of the most admirable of sweet peas. Pkt. 10c; oz., 75c, postpaid.

Some Magnificent Novelties and Specialties for 1923

FLOWER SEEDS

NEW ZINNIA

EL PASO SEED CO'S. GIANT DAHLIA FLOWERED

A FLORISTS' MONEYMAKER

In 1919 we offered for the first time a new type of Zinnia, the Dahlia Flowered, which we predicted would take precedence over the Grandiflora Type of Zinnia as did the Spencers over the Grandiflora type of Sweet Peas.

This year we are offering the Dahlia Flowered Zinnia in the following colors, which we believe tend still further to increase the popularity of this remarkable flower.

Dahlia Flowered Zinnias come in pastel shades, the distinctive manner in which the pigments are distributed throughout the petals making them extremely difficult to describe. To assist in visualizing the true color, we have inserted, parenthetically, Ridgeway's color Chart descriptions.

EXQUISITE By far the most pleasing of our collection. Truly Dahlia Flowered as regards form and size. Color light rose with center a deep rose. (Tyrian Rose). Pkt. 25c.

GOLDEN STATE A very rich orange yellow (Cadmium). Yellow in the bud, turning to an attractive orange when in full bloom. Pkt. 25c.

CRIMSON MONARCH By far the largest and best of the red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. Pkt. 25c.

ORIOLE We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. Pkt. 25c.

SUNRISE A combination of pleasing apricot shades, changing to buff as it ages. Large flowers of good form. This would be an addition to any collection. Pkt. 25c.

DREAM A fine, deep lavender, turning to purple. (Mallow Purple). A new, desirable shade in Zinnias. Pkt. 25c.

POLAR BEAR A very large pure white, the best white yet seen in Zinnias. True Dahlia form. Pkt. 25c.
One each of the above seven varieties, \$1.50, postpaid.

SPECIAL MIXTURE A well blended mixture containing all the above novelties. All Colors Mixed. Pkt. 25c.

EL PASO SEED CO'S. GIANT ZINNIAS

El Paso Seed Co.'s Improved Giant strains of Zinnias are the result of years of selection. The blooms are of immense size often measuring six to eight inches across, and the colors are bright and attractive. Do not confuse these Zinnias with the old-time plant of ten years ago. We offer the following colors for this season:

Striped or Tiger	Pkt. 10c.
Deep Blood Red	Pkt. 10c.
Rose	Pkt. 10c.
Scarlet	Pkt. 10c.
Golden Pheasant Yellow	Pkt. 10c.
Blue	Pkt. 10c.
White	Pkt. 10c.
All above colors mixed	Pkt. 10c.
One each of the above seven varieties.....	50c.

DAHLIA BULBS

The Dahlia is not as particular as most of our flowers, and will succeed under a great many adverse conditions. The soil should be thoroughly cultivated, and the bulbs planted in hills, laying flat down, 6 inches deep. Do not stand bulb on end. They may be planted any time after danger of frost is over, and under ordinary conditions will bloom in 6 to 8 weeks after they have been planted.

Cultivate thoroughly until they begin to bloom, but do not cultivate during the blooming period.

In watering a thorough soaking with the soil stirred as soon as dry enough, is excellent, but a constant surface sprinkling causes surface roots and soft growth.

Dahlia bulbs are ready about February 1st, and we can supply them until about May 1st. Please do not send orders to be shipped out of season. The varieties listed here are some of the latest and most popular introductions.

GEO. WALTER (Cactus). Beautiful Salmon pink.....	\$1.00
POLAR BEAR (Decorative) White. This variety is easily the finest white decorative Dahlia. Flowers grow from 8 to 10 inches....	\$3.00
GOLDEN WEST (Hybrid Cactus) Yellow and Orange bull.....	.80c.
MINNIE BURGLE (Decorative) Scarlet.....	50c.
PRINCESS PAT (Decorative) old rose.....	\$2.50

FIELD GROWN DAHLIAS

	Each	Per Doz.
WHITE	25c.	\$2.50
SCARLET	25c.	2.50
PINK	25c.	2.50
YELLOW	25c.	2.50

MEXICAN EVERBLOOMING TUBEROSES

The most fragrant of all tuberoses and a wonderful bloomer. Flowers are pure white and clustered from six to a dozen on stiff stems, making them excellent for cut flowers. The bulbs of these multiply from year to year, producing great masses which should be separated and transplanted every three years. They are very hardy and will grow and bloom in the warm inland valleys equally as well as on the coast. A dozen bulbs will plant a row six feet long. (Per dozen 75c) postpaid.

ASPARAGUS

Make soil rich, dig trench; set 15 to 18 inches apart, roots spread out, crown 2 inches below surface.

Price: Two-year roots, 50c per 12; 50 for \$1.25; 100 for \$2.00; 200 for \$3.00; 500 for \$6.00; \$10.00 per 1,000.

Palmetto. Green stalk.

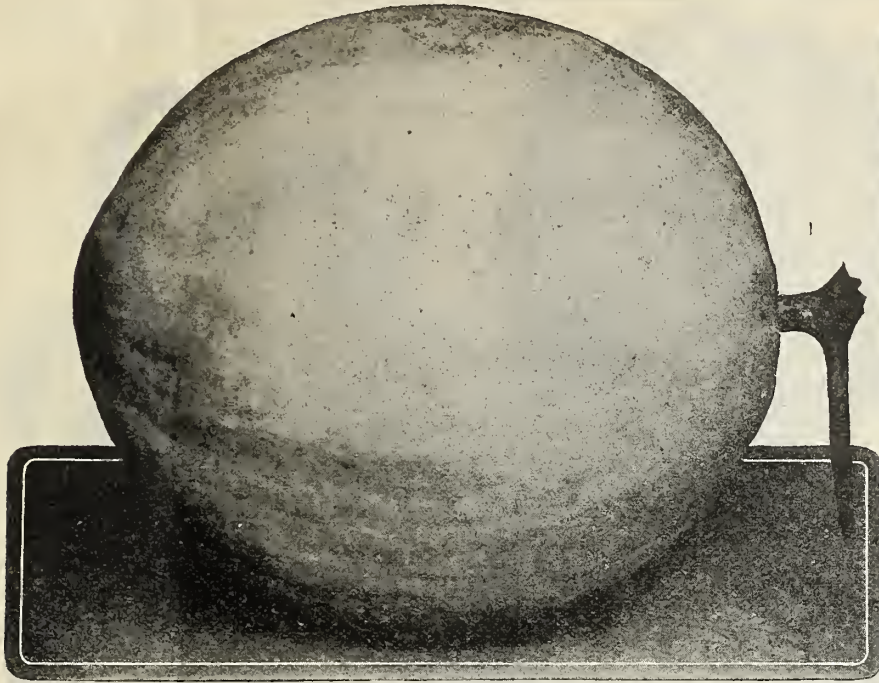
RHUBARD ROOTS

Wagner's Giant Seedling—(25c each) \$2.50 per dozen) Postpaid. Large Roots.

ANTIGNON LEPTOPUS. (Pink Vine, Rose-on-the-Mountain, or Queen's Crown.) The most beautiful vine. A mass of pink with not a day's intermission, from the time it starts to bloom until frost. In South Texas it will start in June, in Central Texas in July, in North Texas it does not start until August, and in El Paso, September, October and November.

Plant the roots in spring after ground warms up, or earlier if protected by mulch. The roots are slow to start, and vine first year will not show above ground until quite late in spring, but develops rapidly and covers well by midsummer. Dig up roots in fall, or cover ground with frost-proof mulch.

Price of Roots—50c each; \$5.00 per doz. Postpaid.



EL PASO SEED CO.'S "HONEY DEW" MELON

EL PASO SEED CO.'S "HONEY DEW" MELON

The color of El Paso Seed Co.'s Honey Dew Melon is a dull creamy white. The rind is very thin and close grained. The flesh is a rich green, very fine grained and exceptionally sweet and juicy. The flavor is indescribably delicious. It is a long keeping melon, remaining in good edible condition for several months. The size is about six to seven inches in diameter from top to bottom and about eight inches wide.

The fact that El Paso Seed Co.'s Honey Dew Melons may be selected by color when being picked for market enabled the growers to know in advance that his entire shipment is composed of first class melons such as will please the most fastidious trade. This feature makes this melon a very valuable type to grow for market. If you want the very last word in melon flavor, don't fail to plant El Paso Seed Co.'s Honey Dew. This is the melon that now commands fancy prices in every market. Prices, per packet 10c; per ounce 25c; per 1/4 pound 85c; per pound \$2.50.

TURNIP

IMP. STRAIN PURPLE OR RED TOP GLOBE Our most popular variety for general planting. Medium early, globe shaped, handsome appearance and heavy cropper in all parts of the Southwest. You cannot plant too many of them either for home use or market. Always of good quality, a good keeper and seller in the market. Packet, 10c; ounce, 20c; 1/4 pound, 40c; pound, \$1.25; 5 lbs. and up \$1.00 per lb; postpaid.

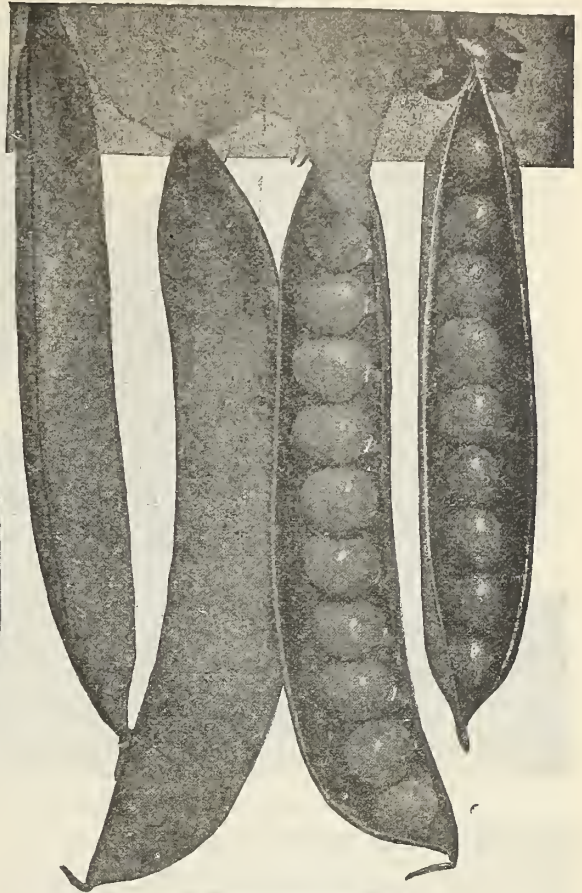
STRAWBERRY PLANTS

KLONDIKE For many years the Klondike has been the favorite with large growers. It is excellent for shipping. Price—(Per 25, 50c) (100, \$1.00) (1,000, \$8.00) postpaid.

BRANDYWINE This is a standard variety and has been planted extensively by larger growers in this section for more than twenty years. It is a good shipping variety. Price—(Per 25, 50c, (100, \$1.00) (1000, \$8.00) postpaid.

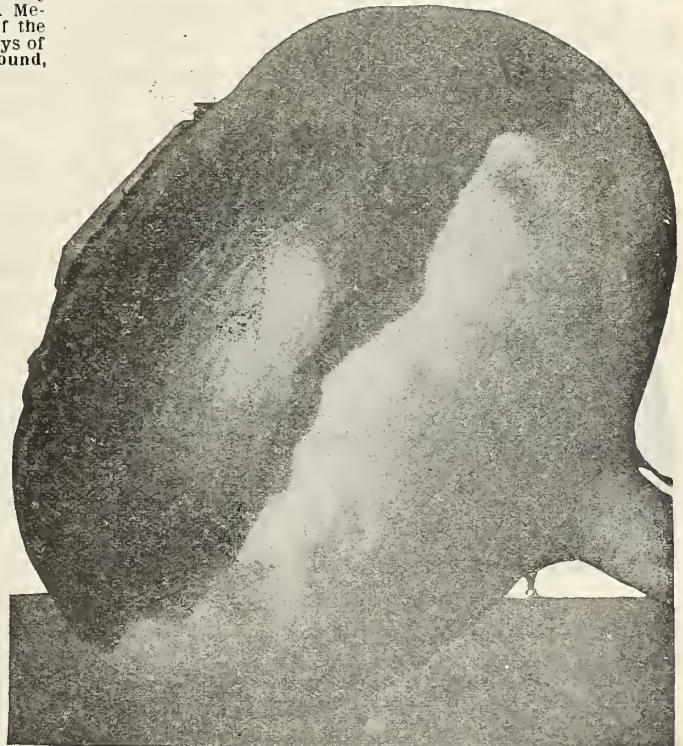
SENATOR DUNLAP (Per.) Midseason. The fruit is dark red with glossy finish, shading to a deep scarlet on the underside. The meat is a bright red all through and exceedingly juicy. It succeeds everywhere and with everybody—the new beginner as well as with the veteran grower—but should not be allowed to mat too thickly. For medium sized productive early to midseason berry you need not hesitate to plant Dunlap. One of the best and most popular. Price 25, 50c; 100, \$1.00; 1000, \$8.00; postpaid.

PROGRESSIVE EVERBEARING (Fall bearing.) You can have strawberries just as easily in the Fall as in the Spring by planting the Progressive which is the best of all Fall or Everbearing Strawberries. This is the strongest growing plant of all the Fall-bearing varieties we have tried. The plants are very large and heavily rooted, producing a phenomenal crop of medium to large fruits of a dark red color, both inside and out, and of sweet mild flavor. Think of having all the berries you can use on your table during the months of September, October and November, and later, if not killed by freezing weather. Price, 25 for 75c; 50 for \$1.25; 100 for \$2.00; 500 for \$7.00; 1000 for \$12.00; postpaid.



EL PASO WONDER PEAS

EL PASO WONDER PEAS New but Wonderful. Ideal for main crop, because it is very hardy and resists mildew to a remarkable degree. Grows two feet tall, branches wonderfully, enormously productive of large solid pods, similar to but longer than Stratagem. Its great merit is its ability to resist the summer heat. Therefore we recommend it for all year. We cannot praise it too highly. Pkt. 10c, 1/2 lb 20c, lb 40c, 10 lbs. \$3.50, postpaid.



IMP. STRAIN PURPLE OR RED TOP GLOBE TURNIP



SALMON TINTED POLLOCK 10-25

SALMON TINTED POLLOCK 10-25 This strain was developed from the Salmon Tinted Pollock No. 25. The originators planted a large number of plats from single melons and plat No. 10 produced this melon, which accounts for the name.

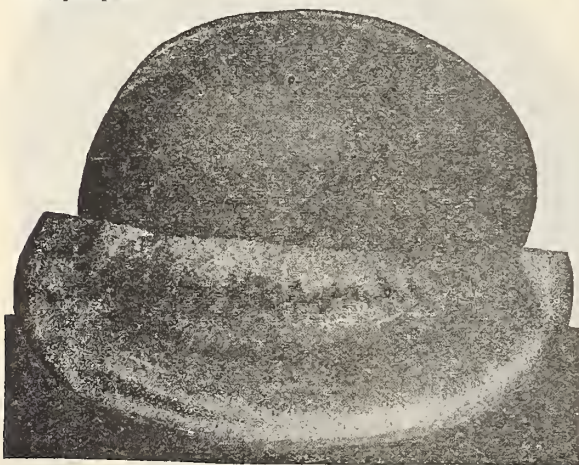
The melons run from Standard to Jumbo, packing in standard crates and flats. This is an advantage, there being no pony melons.

The melons are solidly netted, very uniform in size and shape, do not develop soft spots and can be picked closer than other types of Rocky Fords.

The flesh is very deep, fine grained and more Salmon colored than No. 25.

Being an excellent shipper and highly rust-resistant it is a leading favorite with market growers and is being planted very extensively at this time.

Our stock was grown from the originator's finest stock seeds and carefully hand cut. Pkt. 10c, oz. 20c, ¼lb 65c, 1 lb \$2.00, postpaid.



GOLDEN HONEY WATERMELON

GOLDEN HONEY WATERMELON This delicious new melon averages about twenty pounds, is shaped as shown in cut and the flesh is the color of rich ice cream made of real cream; the flesh is without stringiness, fine-grained, melting and very sweet. Everyone who enjoys a sweet, luscious watermelon will be well pleased with this. Can recommend them for every home garden and for market growers who are near markets. Price 10c per pkt.; 20c per oz.; 45c per ¼lb; \$1.55 per lb; postpaid.

PEPPERS

CULTURE.—For early green peppers, sow seed in hot beds in December and January. Transplant as soon as weather and soil in your locality will permit. For main crop sow seed in February, March and April, in hot bed. Pepper seed needs the heat of a hot bed to germinate it during these months. For fall and winter crop sow seed in out-door beds well prepared, during May and June. Winter crops can be grown in places that are entirely frostless.

Many large growers are now planting seed in the fields and thinning out...This does away with the expensive and tedious method of raising plants and transplanting, and is proving satisfactory.

IMPROVED ANAHEIM CHILI PEPPER

This is an improvement over the old Anaheim Chili being more uniform in size and larger. We recommend this to the market gardener.

Imp. Anaheim Chili is desired above all others for culinary use because of its agreeable pungency. Other pungent varieties are intolerable, not so with the Anaheim Chili. That is what makes it the best seller on the market and the best pungent variety for canning. Pkt. 10c, oz. 50c, ¼lb \$1.65, lb \$5.00, postpaid.

PIMIENTO

Pepper

Every home garden should have a row of this Pimiento. For salad, parboil it to remove the skin. Stuffed and baked it is far superior to all other peppers. Pkt. 10c, oz. 60c, ¼lb \$2.00, lb \$6.00, postpaid.

TOBACCO PEPPERS The plants develop into large bushes, bearing profusely the little bright peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely pungent. Pkt. 10c, oz. 80c, postpaid.

Improved
Anaheim
Chili
Actual
Size

Standard Varieties of Vegetable Seeds

GROWN ESPECIALLY TO SUIT THE SOIL AND CLIMATE OF THE SOUTH AND SOUTHWEST

ASPARAGUS

Asparagus seed may be sown directly in permanent beds, and the plants thinned out as they grow. Sow thinly about 2 inches deep. Thin out the seedlings to 6 inches apart and take out every other one the following year so as to get them a foot apart. Fair crops may be expected the third year from seed. One ounce will sow 50 feet of drill and produce about 300 plants.

PALMETTO

Very choice for the family garden. Bears early; stalks of even, regular growth, very succulent and of superior quality. Pkt. 10c, oz. 20c, 1/4 lb 35c, 1 lb \$1.00, postpaid.

BEANS-DWARF OR BUSH GREEN PODDED

HAND-PICKED Frijoles Enanos

When all danger of spring frosts is over is the time to plant Beans, as they thrive little, if any, when the soil, the days and nights are cold. A good, sandy loam is the best soil for Beans, but they grow well in any permeable soil.

The Bush varieties should be planted 1 1/2 inches deep, in drills 18 inches or 2 feet apart, 2 inches apart in the drill. When the plants are well up, thin gradually to 6 or 8 inches from each other, leaving the strongest plants as much as possible. Give them clean cultivation, mellowing the soil about them, but not going too deep, hilling broad and flat about the time they begin to bear. Do not hoe them when wet from dew or rain, as this induces rust of leaves or pods. 1 1/2 lbs. will plant 100 feet of drill; two bushels to the acre in drills. Packets of all varieties of Beans, 10c each, postpaid.

Our 10-cent packet of beans contains a much larger quantity than is usually sent out by other seed houses.

BURPEE'S STRINGLESS

Beautiful, fleshy, saddle-backed pods, which are absolutely stringless. An extremely valuable variety, not only for market gardeners and canners, but also for private planters, who will appreciate its tender, brittle and flavored pods. Pkt. 10c, 1 lb 35c, 10 lbs. \$3.00, postpaid.

LONG SIX WEEKS

Very early and productive; one of the best market varieties; tender and of fine flavor. Pkt. 10c, 1 lb 35c, 10 lbs. \$3.00, postpaid.

DWARF, BUSH OR SNAP WAX PODDED SORTS

Under this name are classed all the low growing sorts called in different localities Bush, Bunch, Snap, String or Dwarf Beans. We give careful attention to selecting and improving the different varieties and keeping them pure, and invite the most critical comparison of our stocks with those of any other house.

WARDWELL'S KIDNEY

Quite extensively grown in Southern Texas for shipping to distant markets. Very prolific early sort, with long, flat, brittle pods, of golden yellow color. Pkt. 10c, 1 lb 35c, 10 lbs. \$3.00, postpaid.

DAVIS' WAX

Rustless and vigorous sort. The pods are long, waxy white, and are produced in immense quantities. Very brittle, crisp and tender. Favorite variety with canners. Pkt. 10c, 1 lb 35c, 10 lbs. \$3.00, postpaid.

IMPROVED GOLDEN

(Rust Proof)—Very valuable, rust proof strain of Golden Wax, which stands drouth remarkably well. Pods rather flat, nearly straight, fleshy and of highest quality. Pkt. 10c, 1 lb 35c, 10 lbs. \$3.00, postpaid.

IMPROVED PROLIFIC BLACK WAX

In every respect first-class; pods round, a beautiful bright yellow color, very early and continues long in bearing; handsome and immensely productive. Pkt. 10c, 1 lb 35c, 10 lbs. \$3.00, postpaid.

BURPEE'S BUSH LIMA

The stout, erect bushes grow 18 to 20 inches high, 2 to 3 feet in diameter. They are laden with large handsome pods, which are well filled with large, luscious beans. Pkt. 10c, 1 lb 40c, 10 lbs. \$3.50, postpaid.

POLE OR RUNNING BEAN

FRIJOLES

Packets of all varieties, 10c postpaid, or 3 for 25c.

The Pole Beans are not so hardy as the Bush sorts and should be planted several weeks later, when danger from frost is over. Plant in rows 4 feet apart, the hills 2 1/2 to 3 feet in the rows.

KENTUCKY WONDER GREEN POD POLE

The plants are vigorous climbers; pods borne profusely in clusters. They average 7 to 9 inches long; are of attractive green color, round and very brittle when young. If the beans are picked as soon as they mature, the vines will keep on bearing until killed by frost. Pkt. 10c, 1 lb 35c, 10 lbs. \$3.00, postpaid.

KING OF THE GARDEN LIMA

A vigorous grower and very prolific. Pods are from five to eight inches long. On account of its immense pods, it is a favorite with many of the market gardeners.

Prices: By mail, postpaid, pkt., 10c; 1 lb 40c, 10 lbs. \$3.50.



BURPEE'S STRINGLESS GREEN POD BEANS



KENTUCKY WONDER POLE GREEN POD

BEETS

BETABLES

Beets grow best in moderately rich, light, sandy loam. For every crop, sow Crosby's or Eclipse in a hotbed and transplant the seedling as soon as the weather is warm enough into the open ground. For regular crop, sow outside as soon as the ground is in good condition. Plant in drills 12 to 15 inches apart and cover about one inch deep. When the seedlings are 4 to 5 inches high, thin them out to stand 4 to 5 inches apart in the row. For winter crops, sow the Improved Long Dark Blood in August.

An ounce of seed will sow 50 feet of drill, 5 to 6 pounds to the acre.

DETROIT DARK RED Very popular sort, used extensively by market gardeners as well as private planters. It matures early and roots are of splendid shape and good color. The tops are small upright growing, which makes possible close planting. The roots are globular and smooth, the skin is dark, blood-red, the flesh bright red, with lighter zones. The beets are very tender, sweet and crisp and remain so for a long time. Pkt. 10c, oz. 20c 1/4lb 40c, lb \$1.25, postpaid.

CROSBY'S IMPROVED EGYPTIAN An improvement on Egyptian, with better-shaped, smoother roots. The meat is fine-grained, sweet and tender. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.

ECLIPSE Globe-shaped, deep red roots, with sweet, fine-grained flesh. Fit for use a long time. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.

IMPROVED LONG DARK BLOOD Excellent for winter use, as it is a good keeper. Flesh firm, juicy and tender. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.

SWISS CHARD OR SEA KALE BEETS (Acelgas) Grown for its thick, juicy stems and leaves, which are used as greens. For this purpose it is much superior to any other beet. The young leaves are also cooked like Spinach and make an excellent summer vegetable. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.

CARROTS

ZANAHORIA

CULTURE May be sown all the year around. Till the soil deeply and manure heavily. Cover seed from one-half to one inch in depth. Sow in drills ten inches apart on ridges and thin out to two inches apart. Four pounds of seed will sow an acre; one ounce to 100 feet of drill. Carrots are ready for use in eight weeks after planting, and remain edible for six months.

OXHEART Beautiful shape and color. The roots generally attain four or five inches in length and about three inches in diameter. Quality first rate very tender, is the market gardener's favorite. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.

DANVERS' HALF-LONG

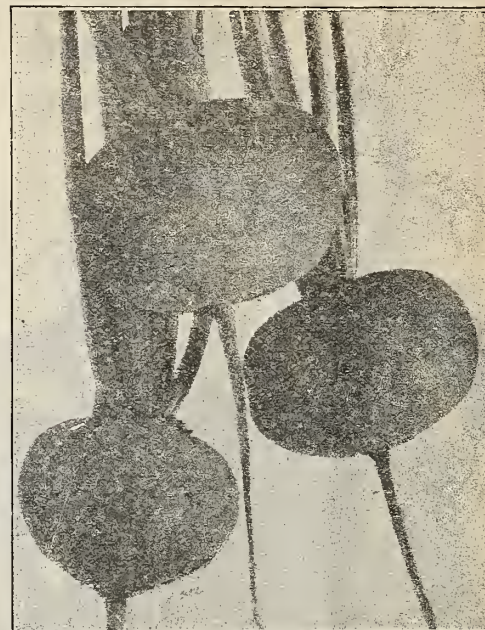
An excellent market variety of medium size. The roots are of rich orange-red color, smooth and very handsome. Produces very large crops. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.

LONG ORANGE The best late variety for general field culture. It keeps very well and is therefore excellently adapted for winter use. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.

DETROIT DARK RED BEET

NEW EARLY CHANTENAY HALF LONG

Color deep orange, very smooth roots and easily bunched, making it a favorite with market gardeners. Pkt. 10c, oz. 20c, 1/4lb 40c, lb \$1.25, postpaid.



CROSBY'S IMPROVED EGYPTIAN BEET



El Paso Seed Co.'s Oxheart Table Carrot



NEW EARLY CHANTENAY HALF LONG CARROT

BRUSSELS SPROUTS

IMPROVED DWARF

Bearing a large crop of small, solid, tender heads. Pkt. 10c, oz. 50c, postpaid.

We know what the South-western planters need. This explains the immense business we are doing.

CELERY

APIO

Seed should be sown in February in a hotbed or in flat boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf, transplant into another bed or boxes, or thin out to 2 or three inches apart. Plant into open ground by last of April or first of May. One ounce will sow 300 feet of drill.

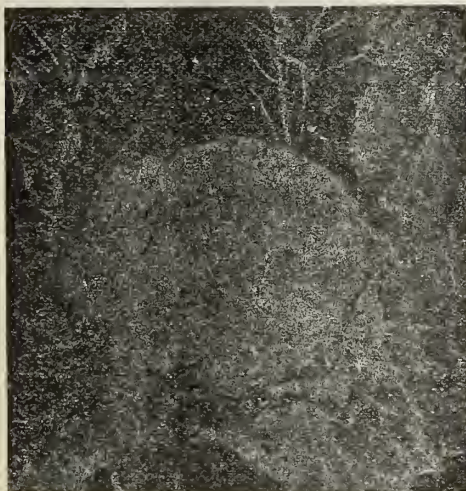
GIANT PASCAL Of excellent keeping qualities. Makes large bunches of thick, solid stalks, which are very brittle, crisp, and of rich, nutty flavor. Splendid for shipping. Pkt. 10c, oz. 30c, ¼lb 85c, lb \$3.00, postpaid.

SELEC. WHITE PLUME The earliest and most easily blanched. While the inner stalks and heart are of pure white color without being blanched, yet the outer stalks should be tied up and the soil drawn around them so as to produce close, attractive bunches. Fine for family use and local markets. Pkt. 10c, oz. 30c, ¼lb 85c, lb \$3.00, postpaid.

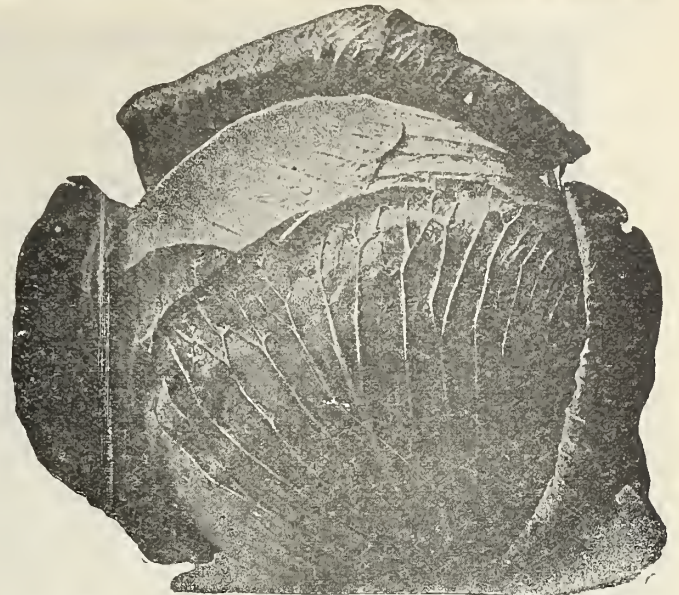
PARIS GOLDEN SELF BLANCHING The plants are of compact, semi-dwarf habit and form numerous stalks. They are heavily ribbed of golden yellow color and very crisp and tender. Pkt. 10c, oz. 45c, ¼lb \$1.60, lb \$6.00 postpaid. (French Grown Seed) \$15.00 per lb.



GIANT PASCAL CELERY



EARLY SNOWBALL CAULIFLOWER



SELECTED EARLY DWARF FLAT DUTCH CABBAGE

CABBAGE

Good drainage, plenty of manure on rich, heavy loam, and frequent cultivation are essential to success in cabbage-growing. For the early sorts, sow the seed in the fall, and, when the plants are a month old, transplant to coldframes, setting them down to the first leaves. Sow also in January and February and transplant 2 to 3 feet apart in the rows according to variety planted. For late variety, sow from the middle to the last of spring and transplant when 4 to 6 inches high. One ounce will produce 1,500 plants; one-half pound will suffice for one acre.

FIRST EARLY SORTS

EARLY JERSEY WAKEFIELD By far the most generally grown of this class, being of delicate flavor and attractive appearance. The heads grow to a blunt point, are heavy and solid.

Pkt. 10c, oz. 35c, ¼lb \$1.20, lb \$3.50, postpaid.

EARLY WINNIGSTADT Similar in size and shape to Jersey Wakefield, but it is more sharply pointed and the heads are more tightly folded and very firm. Excellent for cutting for kraut. Pkt. 10c, oz. 35c, ¼lb \$1.20, lb \$3.50, postpaid.

SELECTED EARLY FLAT DUTCH. Very hardy, handsome, very solid, of fine quality, and as one of the very best keepers, it is particularly desirable for distant markets or for late spring use. Flat head, with long steams and exceedingly hardy in resisting cold and dry weather. Pkt. 10c, oz. 35c, ¼lb \$1.00, lb \$3.50, postpaid.

ALLHEAD EARLY. Very early cabbage of the large early sort, and cannot be recommended too highly; remarkably uniform. Pkt. 10c, oz. 35c, ¼lb \$1.25, lb \$4.75, postpaid.

LATE VARIETIES

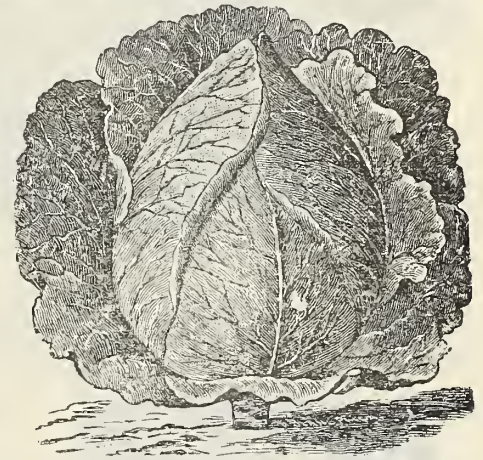
SELECTED LATE FLAT DUTCH. A low-growing variety; heads large, bluish green, round, broad and flat on top; an excellent fall and winter variety; good keeper. Pkt. 10c, oz. 35c, ¼lb \$1.20, lb \$3.50, postpaid.

COPENHAGEN MARKET CABBAGE Pkt. 10c, oz. 35c, ¼lb \$1.20, lb \$3.50, postpaid.

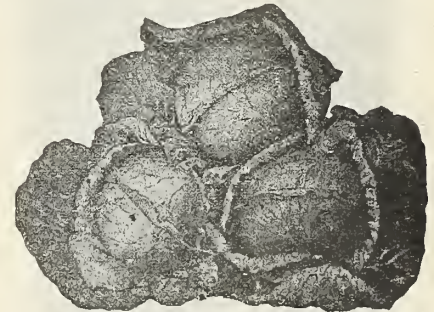
DANISH BALLHEAD OR HOLLAND. The hardest round-headed variety in cultivation. The best for winter keeping. Pkt. 10c, oz. 35c, ¼lb \$1.25, lb \$4.00, postpaid.

DRUMHEAD SAVOY. Fine quality. Pkt. 10c, oz. 35c, ¼lb \$1.25, lb \$4.75, postpaid.

PREMIUM LATE DRUMHEAD. Standard late variety with solid, round heads of immense size and excellent flavor. Splendid market sort and good keeper. Pkt. 10c, oz. 35c, ¼lb \$1.20, lb \$3.50, postpaid.



EARLY JERSEY WAKEFIELD CABBAGE



PREMIUM LATE FLAT DUTCH CABBAGE

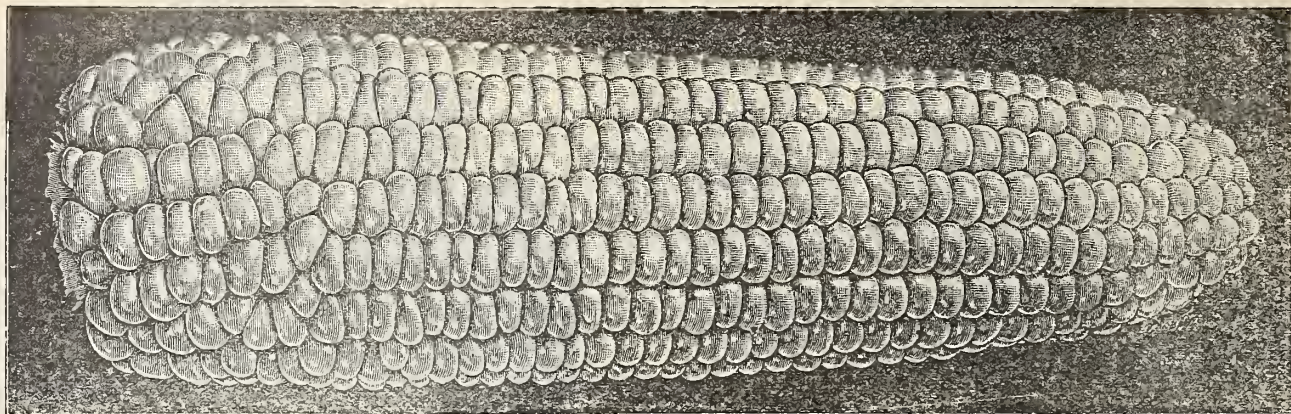
CHINESE CABBAGE

This delicious vegetable should be more generally used. It is more easily grown than the ordinary cabbage, and when boiled with meat, it is much better than either cabbage or turnips. As a salad or cold slaw it is excellent. Every home garden should have a plot of Chinese cabbage. Grow it exactly as you do lettuce.

Price—Pkt. 10c, oz. 35c, ¼lb \$1.25, lb \$4.75, postpaid.

EARLY SNOWBALL CAULIFLOWER.

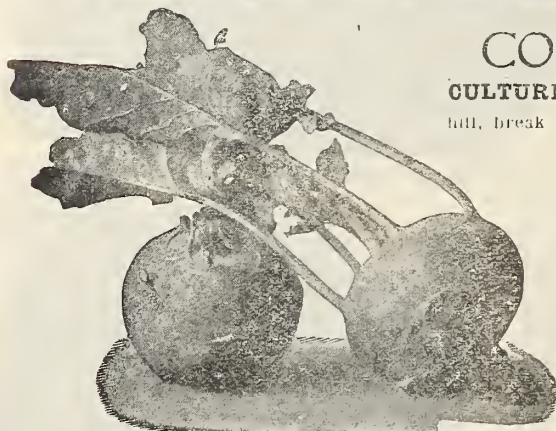
Under favorable conditions, every plant produces a magnificent white head of fine quality. Pkt. 10c, ½ oz. 45c, ¼ oz. 85c, ½ oz. \$1.50, oz. \$2.50, ¼lb \$8.00, lb \$30.00; postpaid.



STOWELL'S EVERGREEN SWEET CORN

CORN--Garden Varieties

CULTURE Plant in hills 18 inches apart, in rows three feet apart. Allow two stalks to the hill, break off all side shoots; cultivate after each irrigation until the corn shades the ground; irrigate every two weeks until in the milk, then once or twice a week, and this will produce a solid tight husk, which will prevent the worms from doing much damage.



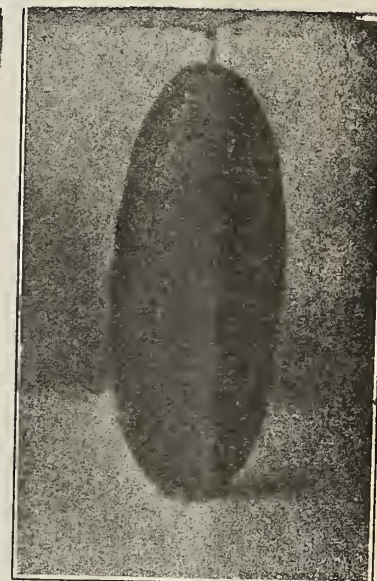
EARLY WHITE VIENNA KOHLRABI

Equally good for forcing or cultivation in the open ground. Has very short tops. Flesh is white, tender, and of excellent table qualities. Pkt. 10c, oz. 30c, 1/4 lb 85c, lb \$3.00, postpaid.

STOWELL'S EVERGREEN

This is the leading standard variety for home use, market and canning. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.

ADAMS' EXTRA EARLY This is not a Sugar Corn, but is earlier. The ears are short, twelve-rowed, and while in condition for roasting cannot be told from Sugar Corn. It will stand earlier planting than Sweet Corn and is a favorite wherever worms work badly on early corn. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.



BOSTON PICKLING CUCUMBER

COUNTRY GENTLEMAN The most delicious of the late sorts. For family use it is unequalled. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.

GOLDEN BANTAM A very early and hardy dwarf variety. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.

OREGON EVERGREEN You must have it on your table to appreciate its juicy sweetness, richness, and tenderness. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.

POP CORN--WHITE RICE Pkt. 10c, lb 30c, postpaid.

CUCUMBER

PEPINO

Plant as soon as the weather has become settled and warm, in hills 4 feet apart each way. Cucumbers succeed best in warm, moist, rich, loamy soil. Prepare the hills by mixing a shovelful of well-rotted manure with the soil. Plant the seeds about one-half inch deep. When all danger of insect attacks is over, thin to three or four of the strongest plants to the hill. Do not allow any fruit to ripen on the vines, as this will cause them to stop bearing.

One ounce will plant 50 hills, two pounds will plant one acre.

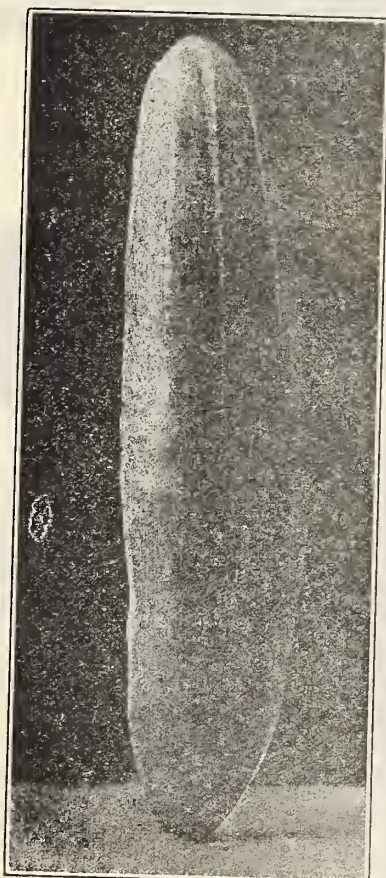
DAVIS' PERFECT The most satisfactory slicing cucumber. It measures to 12 inches in length; is very symmetrical and has very few seeds. Pkt. 10c, oz. 20c, 1/4 lb 65c, lb \$2.00, postpaid.

IMPROVED LONG GREEN CUCUMBER

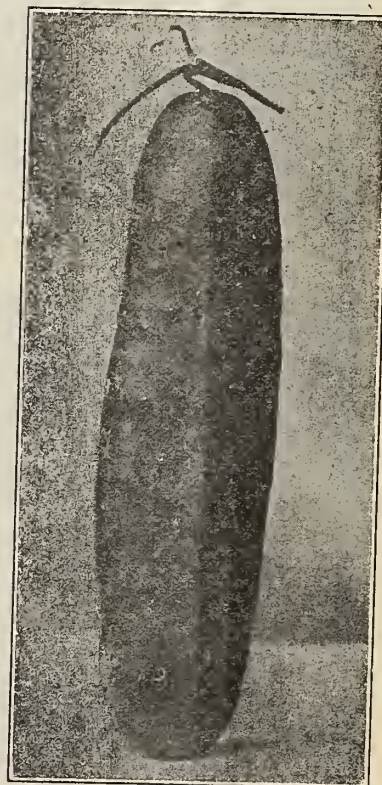
Our stock of this is very fine. The fruits are long, often 15 to 18 inches when fully matured. This long, slender, all-the-same shape makes it, when small, one of the finest sorts grown for pickles. It is tender and crisp and is an excellent sort for slicing, as it retains its dark green color for a long time. We offer you extra value in this seed. This seed is more extensively grown than any other. If you order early you are sure to get it.

Price--10c per pkt; 20c oz.; 65c per 1/4 lb; \$2.00 per lb; postpaid.

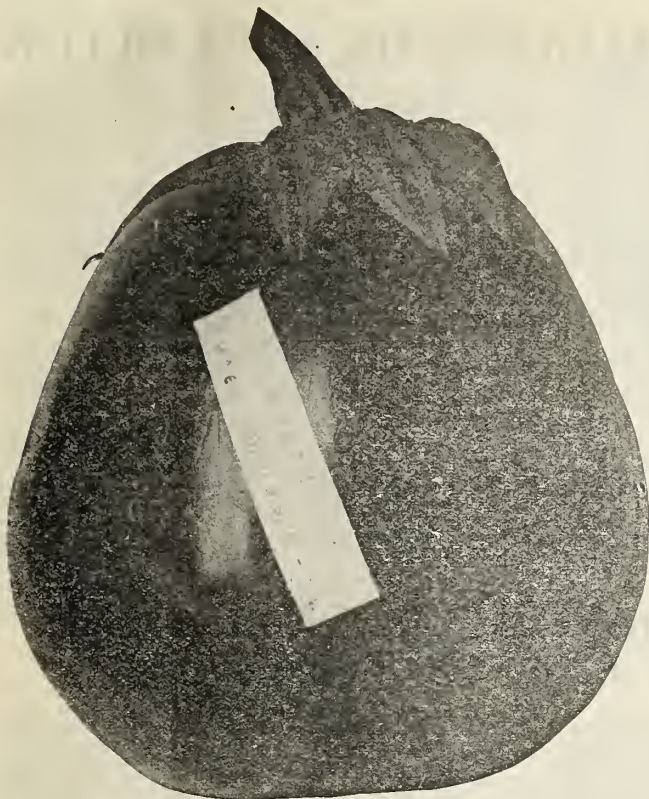
BOSTON PICKLING Highly esteemed for the attractive, medium-size pickles which it produces. It bears profusely. The fruits are dark, green, tender, crisp, and fine for slicing. Uniform, cylindrical shape. Pkt. 10c, oz. 20c, 1/4 lb 40c, lb \$1.25, postpaid.



DAVIS PERFECT CUCUMBER



IMPROVED LONG GREEN CUCUMBER

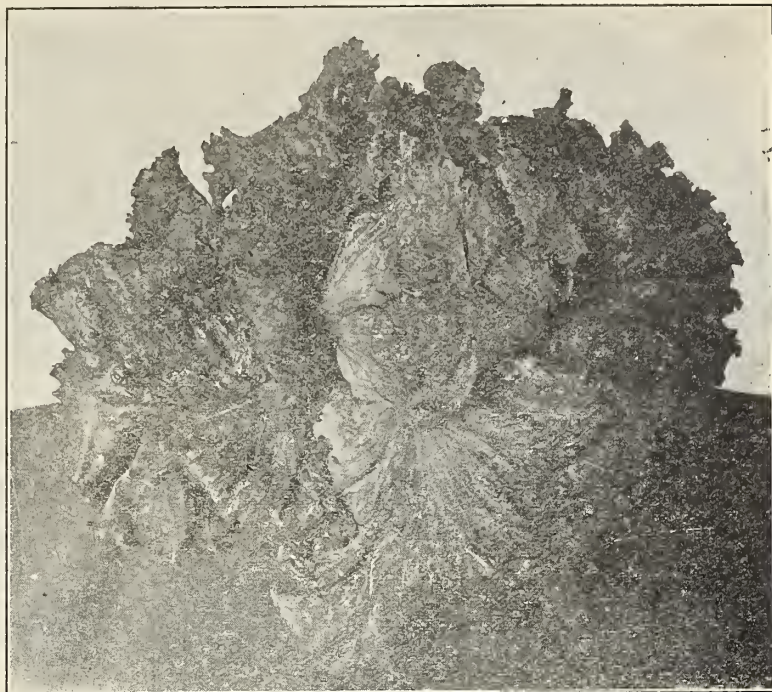
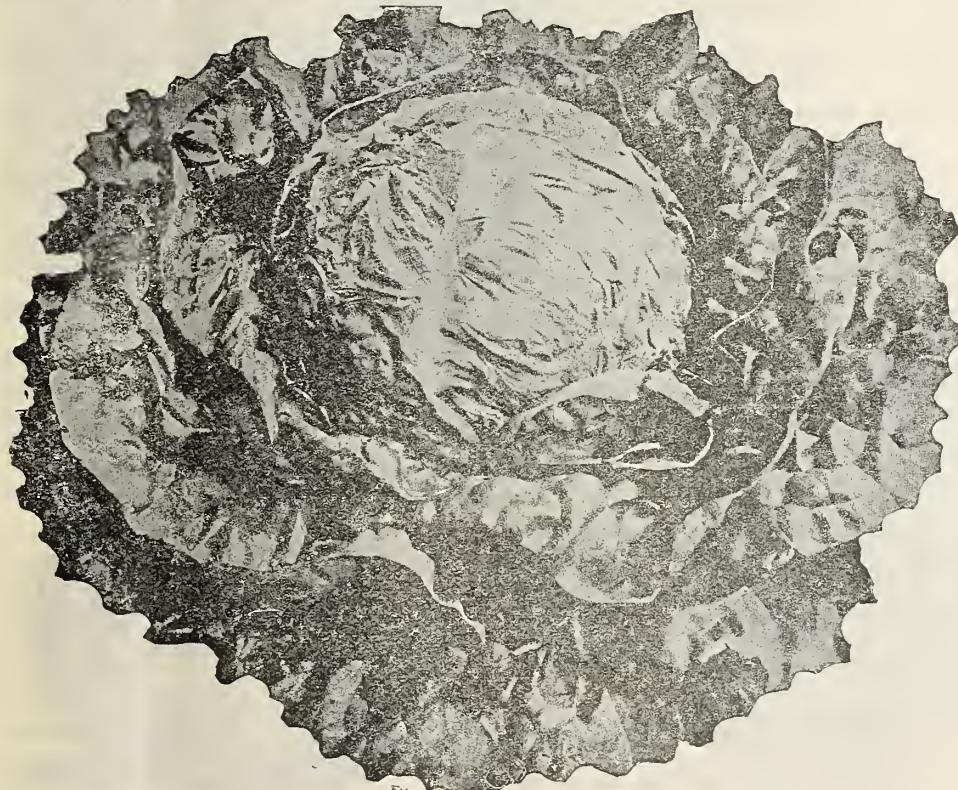


NEW YORK EGG PLANT

EGG PLANT

Seed should be started in February in hotbeds or in boxes in the house. Always keep the ground warm and moist and protect the young plants. Transplant into a rich, loamy soil when all danger of frost is past. One ounce will produce about 1000 plants.

NEW YORK IMPROVED This variety is a great producer, fifty to sixty pounds having been grown from one plant. It has been perfected beyond any tendency to pithiness or dryness. It has taken its place as the standard for quality among the egg plants. Pkt. 10c, oz. 75c, 1/4lb \$2.50, lb \$7.50; postpaid.



SELECTED NEW YORK HEAD LETTUCE

LETTUCE

Lechuga.

Sow in rich, moist ground early in the spring as soon as the ground can be put in good shape. Sow in rows 2 feet apart and thin out the plants until they stand 1 foot apart in the row. As the quality of Lettuce depends largely upon quick growth, frequent cultivation should be given to encourage it. Make successive sowing until July and again at end of August for fall supply. When wanted as a cut salad, sow the seed thickly in rows or broadcast. One ounce will sow 150 feet of drill.

SELECTED BIG BOSTON LETTUCE

This is a very desirable variety for forcing or outdoor culture. The heads are large and of fine quality. Planted very extensively South to ship North. Many of our customers purchase 5 to 10 pounds each of this excellent variety. Equally good for home or market garden. Pkt. 10c, oz. 25c, 1/4lb 85c, lb \$2.50, postpaid.

IMPROVED HANSON A Standard summer lettuce. None more desirable for outdoor cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender crisp and free from any unpleasant, bitter taste. It is very slow to seed, and is an ideal summer lettuce. Pkt. 10c, oz. 20c, 1/4lb 50c, lb \$1.50, postpaid.

ICEBERG Large curly leaves, light green, with a very slight, reddish tinge at the edges. Delicious in flavor. Best for summer crop. Pkt 10c, oz. 25c, 1/4lb 85c, lb \$2.50, postpaid.

NEW YORK It is a very large, robust-growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed, and a sure header under trying conditions. For fall planting should be grown in the winter, from October to April.

EL P. S. CO.'S SELECTED GARDENERS' STOCK—Pkt. 10c, oz. 30c, 1/4lb \$1.00, lb \$3.00; postpaid.

STANDARD LIST OF LETTUCES

CALIFORNIA CREAM BUTTER
MAMMOTH BLACK SEED BUTTER
SALAMANDER, MAY KING, PRIZEHEAD
EARLY CURLED SIMPSON
WHITE PARIS COS OR CELERY LETTUCE.

Prices of any of the above varieties—Pkt. 10c, oz. 20c, 1/4lb 50c, lb \$1.50, postpaid.

LEEK

LONDON FLAG A strong growing sort, hardy and excellent for winter use. Pkt. 10c, oz. 30c, 1/4lb 85c, lb \$3.00, postpaid.

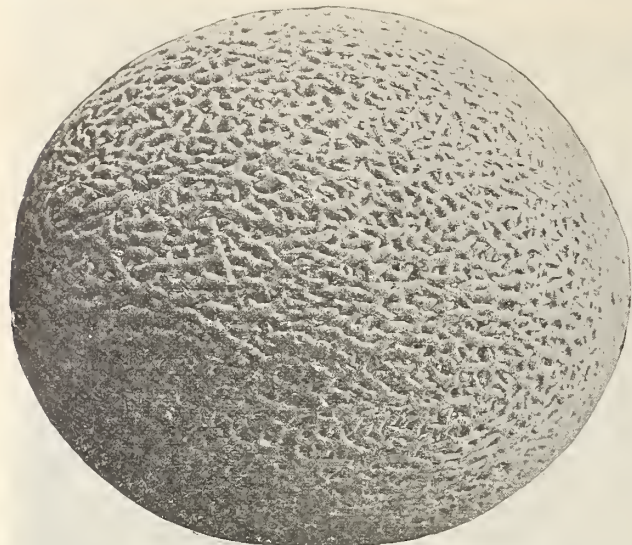
KALE

Pkt. 10c, oz. 20c, 1/4lb 50c, lb \$1.75, postpaid.

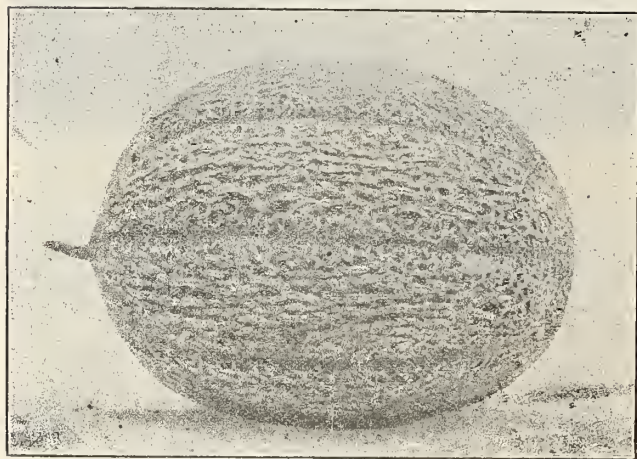
TALL GREEN SCOTCH

Pkt. 10c, oz. 20c, 1/4lb 50c, lb \$1.75, postpaid.

CANTALOUPE OR MUSKMELON



GOLD LINED NETTED ROCK CANTALOUPE



IMP. EARLY WATTERS' NETTED ROCKY FORD CANTALOUPE



TEXAS CANNONBALL MUSKMELON

HONEY DEW Something new, sweet as sugar. Be sure and include some in your order. Price—Pkt. 10c, oz. 25c, 1/4 lb 75c, lb \$2.50, postpaid.

BURRELL'S GEM The blossom end is well protected. Shape oblong, averaging six inches long and tapering at the ends. It is an excellent shipper and will carry nearly two weeks without ice. Pkt. 10c, oz. 20c, 1/4 lb 40c, lb \$1.50, postpaid.

EXTRA-EARLY HACKENSACK A selection of the Hackensack, ripening a week to ten days earlier. Pkt. 10c, oz. 20c, 1/4 lb 35c, lb \$1.25, postpaid.

CASABA OR WINTER MUSKMELON

PLANT SAME AS MUSKMELONS. PLANT IN JUNE AND JULY.

WINTER PINEAPPLE.

SANTA CLAUS.

GOLDEN BEAUTY.

IMP. HYBRID.

Prices of any of the above—Pkt. 10c, oz. 25c, 1/4 lb 75c, lb \$2.50, postpaid; 5 lb lots and up, \$2.25 per lb., delivered free by express.

STANDARD LIST OF CANTALOUPE

BURRELL'S RUST RESISTING.

EARLY GREEN CITRON.

MONTREAL MARKET.

BURRELL'S NETTED GEM.

Price of any of the above—Pkt. 10c, oz. 20c, 1/4 lb 35c, lb \$1.25, postpaid.

Prepare a deep, finely pulverized and well settled seed bed. Plant ten to twelve seeds to the hill, close together, if the soil is inclined to crust, as one plant will help the other raise the crust, and the strongest should be left in thinning. Cover the seed about 2 inches deep. If hills 4 feet each way, thin to one plant they have five to six leaves; if 6 feet each way, thin to two plants to the hill.

Cultivate frequently, deep away from the plants, but shallow close to them. When hoeing remove the crust from around the plants and replace with fine, loose soil.

If under irrigation, they should be watered regularly about every two weeks and the watering continued through the ripening season to keep the vines thrifty. Many do not irrigate during the ripening season, with the result that after a couple of weeks the melons ripen prematurely and are of poor quality.

FOR THE CUTWORM Mix Paris Green with bran and spread a circle around the plant.

FOR APHIS First keep the vines hardy by deep planting and proper cultivation, irrigation and fertilizers. Then if the aphid appears, which is unlikely, spray with Black Leaf 40, or bury the affected part with dust. Either way is a constant fight.

FOR MELON BLIGHT that is caused by a fungus at the root, spray the hill freely with Bordeaux so that the liquid will follow the stem several inches beneath the surface. This should be done as a precaution rather than as a remedy.

READ THIS If you would prolong the life of your vines, make a path between the rows by training the vines to grow along the rows, and not across from one row to the other. Then at picking time do not allow the pickers to tread upon the vines. To do so makes many culls and shortens the life of the vines and lessens your profit about one-third.

Selected Gold Lined Netted Rock Rocky Ford Cantaloupe

Years ago a variety of Musk Melon was introduced and called "Netted Gem." It was a highly flavored, green-fleshed Melon and with small seed cavity and a finely netted rind. The quality of the Melon was exceptionally fine. Growers in Rocky Ford, Colo., took to producing it very largely and from them came "Rocky Ford," a selection of Netted Gem, but few growers have taken the pains to keep the strain up to its original type, much less to improve upon it, so that it is a pleasure to find a real advance and genuine improvement and this we offer in Gold-Lined Rocky Ford. It is the result of several years' careful selection by a progressive grower. The shape of this Melon is ideal, being slightly oval and it is heavily netted over the entire surface. The flesh is as thick at the bloom end as elsewhere, and the flesh of the Melon is noticeably thick, fine grained and sweet. The color is green with a golden margin next to the seed cavity. Gold-Lined Rocky Ford is superior to ordinary types in shape, size and quality. It is attractive, both as to outward appearance and when cut. The seed we offer is hand saved from selected Melons. Pkt. 10c, oz. 20c, 1/4 lb 65c, lb \$2.00, postpaid.

IMPROVED WATTER'S SOLID NET ROCKY FORD CANTALOUPE

EXTRA EARLY. DO NOT PLANT THIS VARIETY IF VINES RUST IN YOUR DISTRICT. This SOLID NET

Cantaloupe is the earliest strain of Rocky Ford Cantaloupe. It sets a very heavy first crop so that in a few days after the first crop begins to ripen large pickings are ready for market. The netting is well developed, gray and closely laced. The flesh is light green and of excellent quality.

No. 1 Seed. Grown from the finest selection of stock seeds and cut from none but standard, well-netted and fully developed melons from our own contract fields, grown exclusively for seed. Pkt. 10c, oz. 20c, 1/4 lb 40c, lb \$1.50, postpaid.

TEXAS CANNON BALL Round, medium sized, heavily netted, Flesh green, very solid, melting and of delicious flavor. Of all melons, this has the smallest cavity. Can be shipped any distance. Excellent, also, for home use. Pkt. 10c, oz. 20c, 1/4 lb 65c, lb \$2.00, postpaid.

ROCKY FORD They weigh from 1 1/4 to 1 1/2 lbs. each. Skin green, thin, ribbed regularly, flesh thick, light green, melting and luscious. The strong, prolific vines ripen the fruit very early. Pkt. 10c, oz. 20c, 1/4 lb 40c, lb \$1.50, postpaid.

OSAGE YELLOW One of the most popular varieties, both for market and home garden. Fruits are of good size, the skin is dark green, banded with lighter streaks. The flesh is of orange color, thick, firm, and of exceptionally fine quality. Pkt. 10c, oz. 20c, 1/4 lb 40c, lb \$1.50, postpaid.

IMPROVED BANANA Produces fruit of finest quality, 1 1/2 to 2 1/2 ft. long. Pkt. 10c, oz. 20c, 1/4 lb 50c, lb \$1.75, postpaid.

GAUTIER PINEAPPLE Its heavy net and solid sweet flesh make it a good melon for the peddler. It can be carried two days without deterioration. It is the best melon of all our list to ship in carloads lots like watermelons, without crating. Pkt. 10c, oz. 20c, 1/4 lb 40c, lb \$1.25.



YELLOW OSAGE



CHINESE GIANT CURLED MUSTARD

MUSTARD

Mostaza

When young the leaves are used for salad, which although slightly pungent, is very appetizing. Mustard may also be cooked like spinach and will make a very wholesome and delicious food. Sow early in the spring in shallow drills. One ounce will sow 50 feet of drill.

CHINESE GIANT CURLED Very attractive curled sort, which is exceedingly popular in the Southwest. Largely planted in the fall for early spring greens. We offer the true strain. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.

WHITE Good for culinary purposes, but easily running to seed. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.

BLACK OR BROWN Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.



PARSLEY

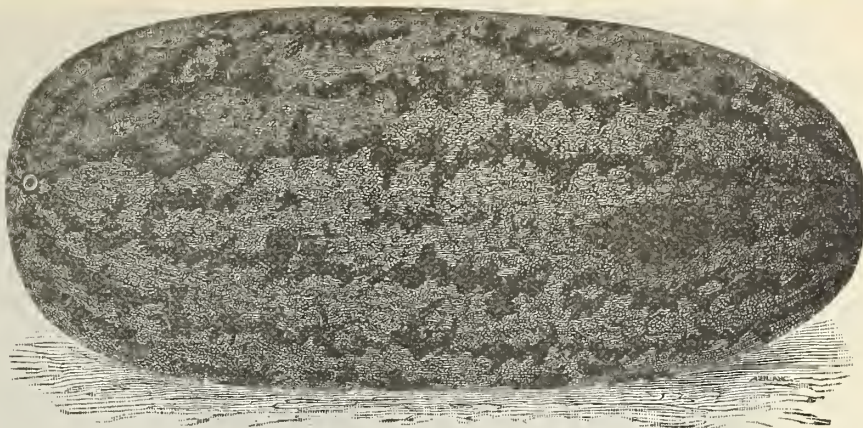
Perejil

The beautifully curled, attractive green leaves are highly esteemed for garnishing or flavoring. Sow early in the spring, as it germinates best when the soil is cool and moist. Sow in drills 2 feet apart and thin plants 10 to 12 inches apart in row. Require from three to five weeks to germinate. Soak 12 hours in water before planting.

DOUBLE-CURLED A favorite with gardeners. The plants are of dwarf, compact habit, leaves heavily curled, crimped and dark green. French grown. Pkt. 10c, oz. 20c, ¼lb 60c, lb \$1.75, postpaid.

PARSNIP

IMPROVED HOLLOW CROWN A great cropper and considered the best for general cultivation. The roots are long, smooth, tender and very sugary. Pkt. 10c, oz. 20c, ¼lb 65c, lb \$2.00, postpaid.



GEORGIA RATTLESNAKE WATERMELON

WATERMELON

Sandia.

Choice Watermelon Seed is one of our specialties. We handle nothing but the best Southern-grown seeds, which are far superior for our climate to those produced farther north. Experiments have proven that Northern-grown Melon seeds do not produce good results in the Southwest. To have choicest Melons of superior quality, plant our carefully selected Southern-grown seeds. One ounce will plant 30 hills, 4 to 5 pounds to one acre. See next page for other Watermelons.

HALBERT HONEY It is of excellent quality and will be ordered extensively by those who know it best, which is the best recommendation that a melon can have. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid; 10 lbs. and up, 95c per lb, delivered free by express.

ALABAMA SWEET This is a large, oblong melon; color, dark green with faint lighter stripes. Being of good size though not ungainly, it is first class for shipping purposes. Its flavor is simply delicious. It is entirely stringless, and its outside appearance is attractive. Its size and shape is much as to make it one of the best market melons, and we cannot recommend it too strongly to the Southern planter. Fancy selected Southern-

grown seed. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.

SELECTED SOUTHERN GEORGIA RATTLESNAKE An excellent market variety; large, oblong; rind dark, mottled and striped; a well known shipping melon. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid; 10 lbs. and up, 95c per lb, delivered free by express.

SELECTED NEW CHILIAN The rind is thin and tough. The white seeds are set near the rind; heart bright red, stringless and of excellent quality. Pkt. 10c, oz. 20c, ¼lb 35c, lb \$1.10, postpaid; 10 lbs. and up, \$1.00 per lb, delivered free by express.

IMPROVED BLACK SEEDED CHILIAN The appearance of this little, dark, round melon when cut always attracts attention on account of the deep, rich, dazzling color. It is delicious. Pkt. 10c, oz. 20c, ¼lb 40c, lb \$1.35, postpaid; 5lb lots and up, \$1.20 per lb, delivered free by express.

WATERMELON—Standard List

SEMINOLE—White and gray; very sweet.

CUBAN QUEEN.

TRIUMPH.

KOLB'S GEM.

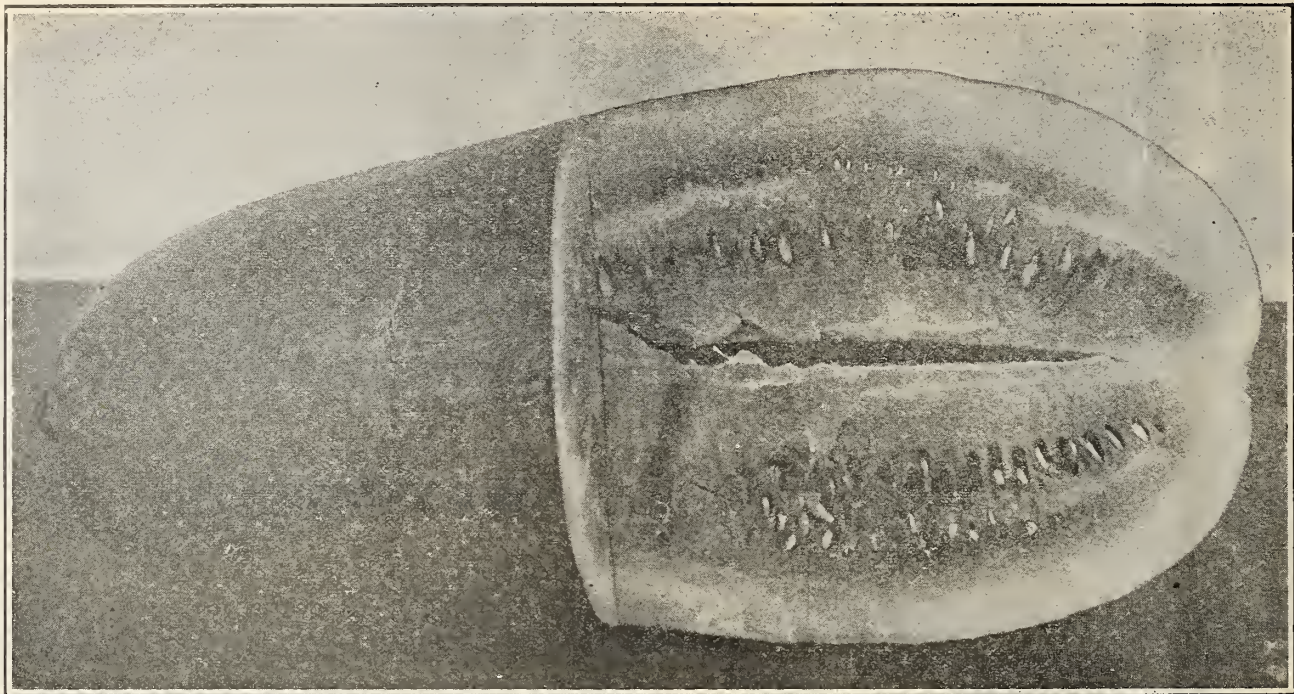
COLORADO PRESERVING CITRON.

RED SEEDED CITRON.

Any of the above varieties at, Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.



EL PASO SEED CO.'S HALBERT HONEY WATERMELON.

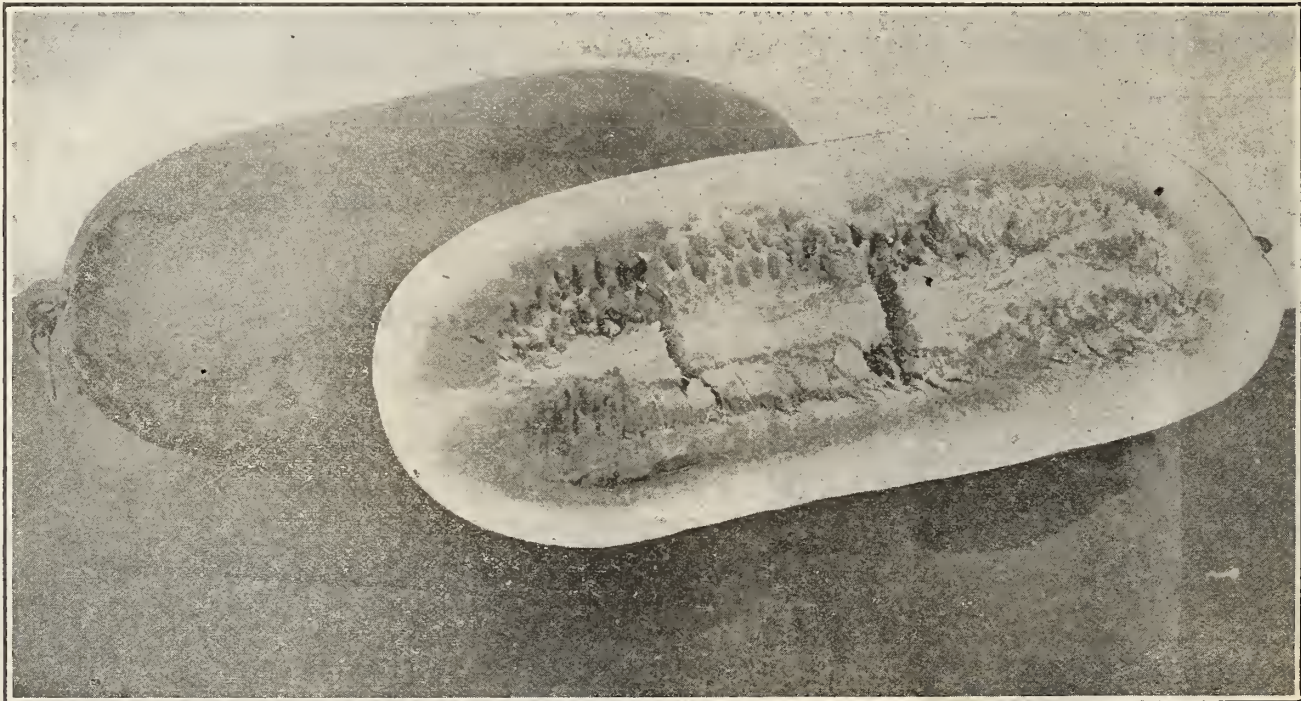


EL PASO SEED COMPANY'S SELECTED KLECKLEY SWEET OR "MONTE CRISTO"

Our Kleckley Sweet as shown above is one of the most popular early melons grown in the Southwest. No other melon has ever attained such popularity for home use and, nearby markets. This is a perfect melon for that purpose. Its eating qualities leave nothing to be desired. Vines very strong and vigorous; melons are medium to large in size. Oblong, as shown in the above illustration, which was taken from a melon grown in our seed crops. The melons grow 18 to 24 inches through. Skin a very rich, dark green color; flesh a bright, rich scarlet, ripening up close to the skin; rind seldom being over $\frac{1}{2}$ inch in thickness.

Price—10c per pkt.; 20c per oz.; 30c per $\frac{1}{4}$ lb.; \$1.00 per lb., postpaid; 10 lbs. and up, 95c per lb., delivered free by express.

The two watermelons illustrated on this page, we regard as the very highest types of their kind. Our seeds of these varieties were all grown from selected Watermelons. You will not make a mistake by planting either of them.



EL PASO SEED COMPANY'S SELECTED TOM WATSON WATERMELON

This large mottled green watermelon often weighs 50 to 60 pounds and averages on good soil over 30 pounds. It has, within the past three years, won place among the very first as a market melon. The flesh is deep red and contains very few seeds, which are firmly bedded. It is the leader, taking into consideration size, shipping and eating quality. We have carefully selected our stocks and have excellent seed to offer. Your orders will be placed where you should get excellent results if you buy this seed from us.

Price—10c per pkt.; 20c per oz.; 30c per $\frac{1}{4}$ lb.; \$1.00 per lb.; postpaid; 10 lbs. and up, 95c per lb., delivered free by express.

New Watermelon "Irish Gray" New and good watermelons don't come often but this new South Georgia variety is one that has attained great popularity on its merit. It's a combination melon equally good for shipping or home use, being equal to or better than the Watson in that respect.

It's sweet; the flesh is red, crisp and free from stringiness and in color of rind a mottled greenish grey, entirely distinct. Rind is thin but very tough. Shipments made last summer went through perfectly. Vines very vigorous, healthy and hold up and produce fine melons late into summer when other sorts die out. Plant Irish Grey for home or market use and you will be pleased. It's as satisfactory a Melon as there is grown. Packet, 10c; oz., 20c; $\frac{1}{4}$ lb 65c; lb \$2.00; postpaid. Not prepaid, 10-pound lots or over, at \$1.75 per pound.



CRYSTAL WAX WHITE ONION

DENIA, OR SPANISH SWEET

We have been unable to supply the demand on this grand Onion of the Southwest on account of the scarcity of the seed, and our stock is limited again this season. The Denia as grown by the New Mexico College of Agriculture has proven a great success in the Southwest. The Denia will weigh from two to three pounds.

The Denia is a globe-shaped, straw-colored onion, with a dark green, heavy top, which makes a good drought resister. The flesh is very mild, sweet, juicy, and almost white. Aside from the fact that this onion has done well, it is a very heavy yielder. Perhaps few other onions yield as heavily. The large yield is due principally to the immense bulbs. Because of this heavy yield, it is of the utmost importance to have good rich soil in order to get satisfactory results, provided other conditions remain favorable.

We import our seed direct from Spain, which means a saving to our friends and patrons, as we get them in large quantities.

Pkt. 10c, oz. 40c, 1/4lb \$1.35, lb \$4.00, postpaid.

EXTRA SELECTED MAMMOTH SILVER KING

Of attractive shape, with silver-white skin, and flesh of a most agreeable, mild flavor. It matures quite early and reaches a much larger size than any other of the flat varieties, frequently measuring twenty inches in circumference, and weighing from 3 to 5 pounds when well grown. Pkt. 10c, oz. 40c, 1/4lb \$1.25, lb \$4.00, postpaid.

YELLOW GLOBE DANVER

It is a splendid keeper, well rounded, a very small amount of waste. This seed has proven a great favorite with our customers, who plant thousands of pounds. Pkt. 10c, oz. 35c, 1/4lb 75c, lb \$2.50.

EI PASO OR LARGE MEXICAN

Of large size and most beautiful form with fine, white skin. The first season it will grow an onion from one to one and a half pounds. Pkt. 10c, oz. 40c, 1/4lb \$1.25, lb \$4.00, postpaid.

MARKET GARDENERS' BUNCHING ONION

Our growers for fancy trade have learned that we have the best strain of seed for this purpose. They are just the right shape. Pkt. 10c, oz. 30c, 1/4lb \$1.00, lb \$3.50, postpaid.

ONION SETS

WHITE SILVER-SKIN Qt. 35c, postpaid.

DARK RED Qt. 35c, postpaid.

YELLOW Qt. 35c, postpaid.

BROWN Qt. 35c, postpaid.

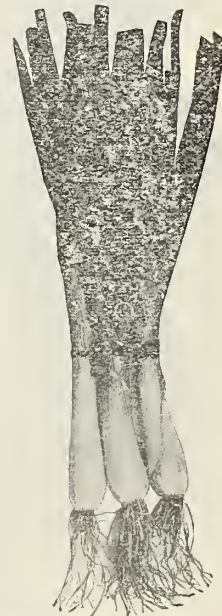
MULTIPLYING SETS Qt. 40c, postpaid.



EL PASO ONION OR LARGE MEXICAN



DENIA ONION



GREEN BUNCHING ONION

ONIONS

ONE OUNCE WILL SOW 100 FEET OF DRILL
FOUR POUNDS WILL SOW AN ACRE.

We pride ourselves on selling the very best Onion Seed that can be produced, and are now supplying some of the largest Onion growers of the country. By sowing our seed, large onions may be produced direct from the seed.

CULTURE Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart, or only a few small Onions will be the result. Manure highly (20 loads per acre being used by market-gardeners with profit), and if inure is not plentiful, some good phosphate, at the rate of 400 to 800 pounds per acre, will give splendid crops. A top dressing of wood ashes, applied after the second weeding, is very beneficial.

CRYSTAL WHITE WAX

(Seed very scarce). This beautiful Onion is very largely grown by market gardeners. In form it much resembles the Bermuda type, being a large, flat Onion. Its extreme earliness in maturing gains for it its popularity wherever grown. Its color is a beautiful crystal white with a decided waxy appearance, hence its name. Not only is it an excellent market variety but a splendid table sort. We would recommend this variety to the private planter, as well as the market gardener, as being of most excellent quality. Pkt. 10c, oz. 40c, 1/4lb \$1.25, lb \$4.00, postpaid.

IMPROVED WHITE BERMUDA

White it is known as White Bermuda, the name is misleading, as it is really a light, straw-colored Onion. Teneriffe-grown seed. Pkt. 10c, oz. 25c, 1/4lb 90c, lb \$3.00, postpaid.

LARGE RED WETHERSFIELD

The bulbs are well flattened, thick through and grow to a good size. The skin is of a rich, glossy, deep red color, while the flesh is white, tinged with red. A most excellent keeper. Pkt. 10c, oz. 35c, 1/4lb \$1.00, lb \$3.50, postpaid.

SOUTHPORT WHITE GLOBE

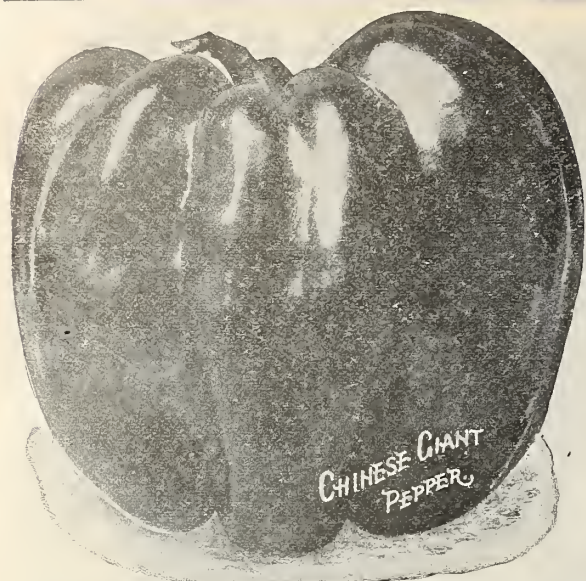
Color a clear white. The best keeper of the white sorts. Produces a heavy crop of excellent quality and always sells for top prices on the market. Pkt. 10c, oz. 35c, 1/4lb \$1.00, lb \$3.50, postpaid.

AUSTRALIAN BROWN

It is extremely early, maturing four weeks before the Red Wethersfield. The flesh is firm, of mild flavor, and ripe bulbs will keep in good condition for nearly a year after they have been harvested. Pkt. 10c, oz. 28c, 1/4lb 60c, lb \$1.75, postpaid.

GIANT YELLOW PRIZETAKER

It has proven to be of great value to farmers and gardeners, never failing to attract attention in market, and is admitted to be the largest, finest flavored and most superior Yellow Globe under cultivation. Pkt. 10c, oz. 25c, 1/4lb 85c, lb \$2.50, postpaid.



CHINESE GIANT This is the largest mild red Pepper in existence. The strong, stocky plants are of bushy, erect growth. The peppers are of enormous size; specimens weighing 18 ounces are found frequently. They are of square block form; the flesh is very thick and extremely mild. Pkt. 10c, oz. 80c, ¼lb \$2.65, lb \$8.00, postpaid.

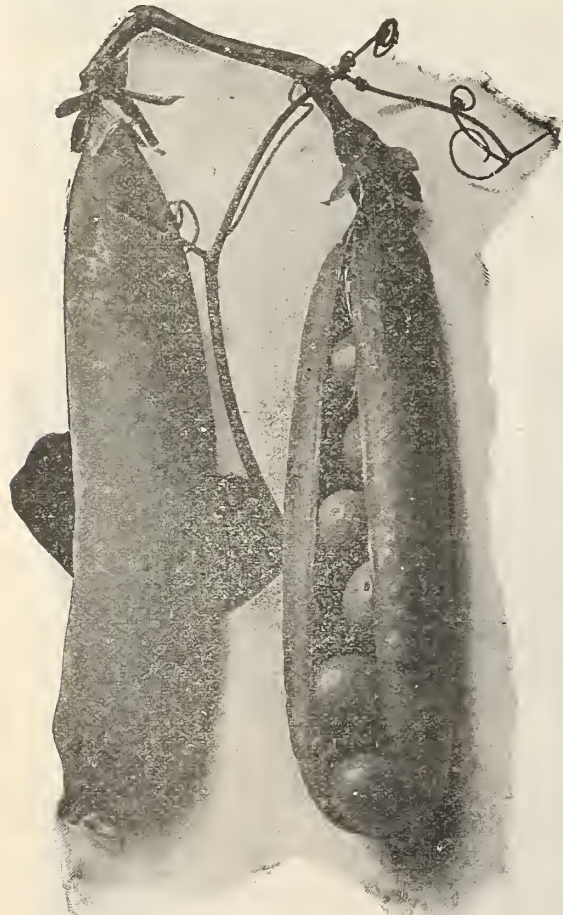
OKRA

One ounce will sow 200 feet of drill.

DWARF GREEN The plants are of dwarf, stocky growth and very prolific. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.

WHITE VELVET Tall-growing sort long, white pods, which are round and of velvety smoothingness. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.

PERKINS' PERFECTED LONG POD Pods are from 4 to 5 inches long, green of handsome shape and color. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.



AMERICAN WONDER PEAS



LARGE BELL OR BULL NOSE PEPPER

PEPPER

Pimiento

One Ounce of Seed Produces About 1500 Plants

LARGE BELL OR BULL NOSE A popular variety for stuffing. Fruit large, round and blocky and about three inches long and two inches thick. The color is deep green when fruit is young, but when fully ripened it is a rich, glossy blood-red. Plant grows about two feet high. Pkt. 10c, oz. 50c, ¼lb \$1.25, lb \$4.50, postpaid.

ANAHEIM CHILI CALIENTE Our seed is selected from the finest and most productive fields, and is certain to produce splendid crops. This pepper is from 6 to 8 inches long, and tapers from 1½ to 2 inches in diameter at the top to a point. When dried it is a brilliant scarlet. Pkt. 10c, oz. 50c, ¼lb \$1.65, lb \$5.00, postpaid.

PEAS

CHICHAROS

Peas succeed in any good garden soil, but for earliest crops, a light, warm and moderately rich soil is most suitable. Plant in rows 3 feet apart 3 to 5 inches deep, dropping the seeds 3 inches apart in the rows. One quart will plant 100 feet of drill, 1½ bu. one acre. All our Seed Peas are grown far north, and carefully hand-picked. Large packets of any variety 10c each, postpaid.

GRADUS OR PROSPERITY PEA

A Great Extra Early Wrinkled Variety.

With pods nearly twice the size of the round-seeded extra earlies and only two or three days later. The vines grow about 3 feet high, and produce uniformly large pods, 4 to 4½ inches long. They are filled with eight to ten large, handsome peas of finest flavor, which remain tender and sweet for some time after they are large enough to use. Pkt. 10c, lb 45c, 10 lbs. \$3.50, postpaid.

ALASKA OR LAXTON'S EARLIEST OF ALL The earliest smooth Pea in existence. The pods are medium sized, well filled, and mature practically all at one time. Our strain is extra selected. Pkt 10c, lb 35c, 10 lbs. \$3.00, postpaid.

AMERICAN WONDER

Plants grow only 10 inches high. The peas are large and of luscious quality. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.

DWARF TELEPHONE

Medium tall; pods very large; medium greenpeas, very sweet; a favorite with shippers probably because it carries well and commands a high price because of quality.

For years this variety was grown more extensively for shipping than any other. Owing to crop failures in the seed growing section this variety was omitted from last year's catalog; but we again have ample supply. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.

STRATAGEM

A very heavy cropper, producing large, well-filled pods of excellent quality. One of the finest peas in cultivation. Pkt. 10c, lb 35c, postpaid.

MCLEAN'S LITTLE GEM

Green, wrinkled, early marrow; delicious flavor. Pkt. 10c, lb 35c, 10 lbs. \$3.00, postpaid.

RHUBARB

WINTER CRIMSON The earliest of all, and very productive and highly flavored. Pkt. 10c, oz. 50c, ¼lb \$2.00, postpaid.

VICTORIA Very large; later than Winter Crimson. Pkt. 10c, oz. 35c.

A Good Big Home Garden a Money Saver and a Health Saver -- Make a Good Big Garden

WE SPECIALIZE ON APPLE BOX LINERS—ALL COLORS—AND FRUIT TISSUE WRAPPERS. CONSULT US.

PUMPKIN

Calabaza

Avoid planting pumpkin in the garden as they will mix with cucumbers, melons and other vines. Usually they are planted in the cornfield, dropping three or four seeds in every fourth hill. Pumpkins make excellent food for hogs and cattle, and should be grown by every planter. One pound of seed will plant 200 or 300 hills.

IMP. GREEN-STRIPED CASHAW A crook-necked variety, with green and white striped skin. The flesh is of rich yellow color, solid, fine grained, very thick and sweet. Pkt. 10c, oz. 20c, 1/4 lb 60c, lb \$1.75, postpaid

LARGE TOURS It is very prolific and large, specimens often weighing as high as 75 pounds; average weight 20 to 40 pounds. The skin is light yellow color. The large specimens are most always warted. Flesh is extremely sweet, of deep orange color. It is a splendid pie maker and one of the best for stock feeding. Pkt. 10c, oz. 20c, 2 ozs. 35c, 1/4 lb 60c, lb \$1.75, postpaid.

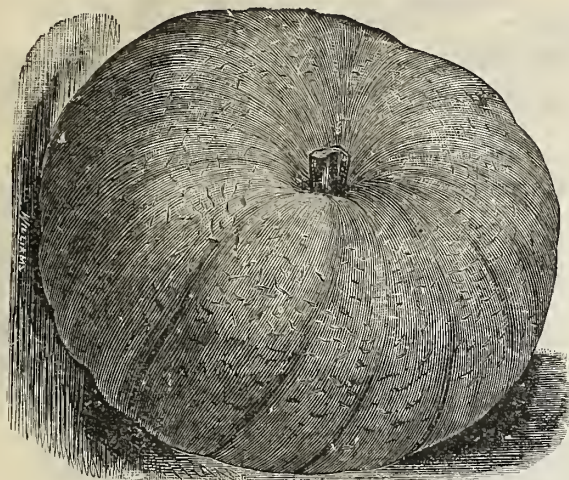
MAMMOTH KING OR PCTIRON The best large pumpkin in use. Forms immense globular Pumpkins, flattened a little at the end. Skin reddish yellow in color, and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Pkt. 10c, oz. 20c, 1/4 lb 60c, lb \$1.75, postpaid.

SMALL SUGAR (Or New England Pie.) A small, round variety of excellent quality. The flesh is rich, yellow, very thick and sweet, and the skin of deep orange. We recommend this variety as the very best for pies. Pkt. 10c, oz. 20c, 1/4 lb 50c, lb \$1.50, postpaid.

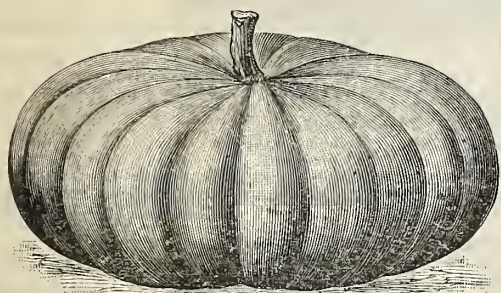
KENTUCKY FIELD A popular, very productive variety. The ripe fruits are flat, of rich creamy yellow color, and measure about two feet in diameter. Flesh is tender and excellent quality. Pkt. 10c, oz. 20c, 1/4 lb 30c, lb \$1.00, postpaid.

TENNESSEE SWEET POTATO Bell shaped, dered superior to Sweet Potato. Very delicious for pies. Pkt. 10c, oz. 20c, 1/4 lb 50c, lb \$1.50, postpaid.

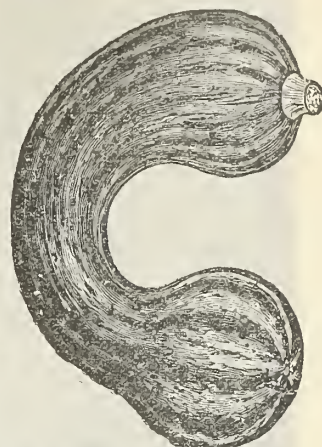
JAPANESE PIE Large size, weighing from 30 to 70 pounds; color or outside rind bluish-green blotched with yellow. Flesh salmon colored, very thick and sweet for eating and stock feeding. Pkt. 10c, oz. 20c, 1/4 lb 60c, 1 lb \$1.75, postpaid.



LARGE TOURS PUMPKIN



KENTUCKY FIELD PUMPKIN



IMP. GREEN-STRIPED CASHAW PUMPKIN



SMALL SUGAR PUMPKIN



WHITE CHINESE RADISH

RADISH

Rabanitos

Packets of any variety of Radish 10c, each.

Radishes are among the most valued of early vegetables, and a liberal supply should be grown in the home garden throughout spring and summer. They develop best and quickest in light, rich sandy soil. Only well rotted manure should be used, and frequent cultivation is necessary to insure radishes of good quality. One ounce will sow 75 feet of drill, 8 to 10 pounds to the acre. We offer you only the very highest type of Radish Seed.

EARLY SCARLET GLOBE Very popular with the market gardeners, as it is of attractive color and fine shape. If grown properly, the roots are mild and crisp, juicy and tender. Splendid forcing variety. Pkt. 10c, oz. 20c, 1/4 lb 50c, lb \$1.50, postpaid.

WHITE-TIPPED SCARLET TURNIP Bright scarlet with clearly defined white tips. Foliage short, making it well adapted for forcing. Great favorite. Pkt. 10c, 1/4 lb 50c, lb \$1.50, postpaid.

EARLY FRENCH BREAKFAST Beautiful, olive-shaped color, with well-defined white tip. A rapid grower, very mild and tender. Pkt. 10c, oz. 20c, 1/4 lb 50c, lb \$1.50, postpaid.

EARLY SCARLET TURNIP One of the earliest varieties. Bright colored skin, and crisp, white flesh. Pkt. 10c, oz. 20c, 1/4 lb 50c, lb \$1.50, postpaid.

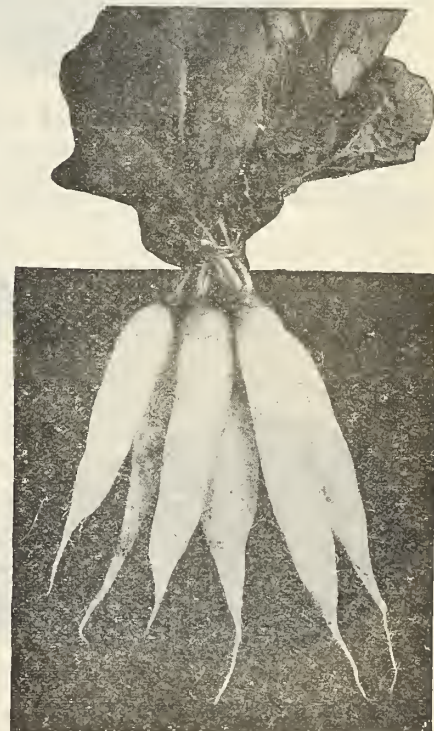
LONG SCARLET SHORT TOP Roots grow 5 to 6 in. long, and are very attractive. Crisp, brittle, and of choicest quality. Pkt. 10c, oz. 20c, 1/4 lb 50c, lb \$1.50, postpaid.

WHITE ICICLE It is crisp and tender both when young and until it attains larger size, thus remaining in condition for use for considerable time. Pkt. 10c, oz. 20c, 1/4 lb 60c, lb \$1.75, postpaid.

WHITE CHINESE WINTER Is really a Chinese radish, grown by the Chinese in California. White, solid, of good flavor, and a long keeper; 8 to 10 inches long, and 2 to 3 inches in diameter. Pkt. 10c, oz. 20c, 1/4 lb 60c, lb \$1.75, postpaid.



EARLY SCARLET TURNIP RADISH



WHITE ICICLE RADISH



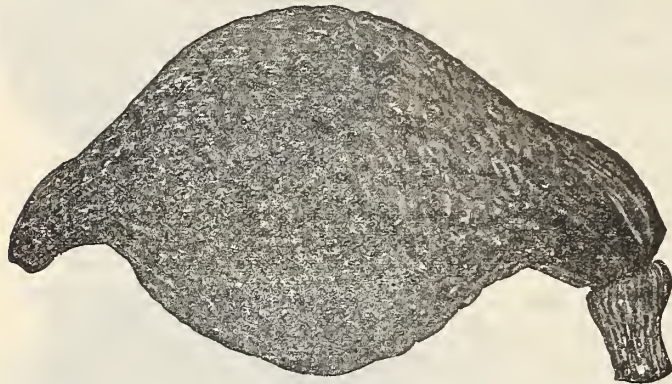
EARLY WHITE BUSH SQUASH

SQUASH

CALABAZA

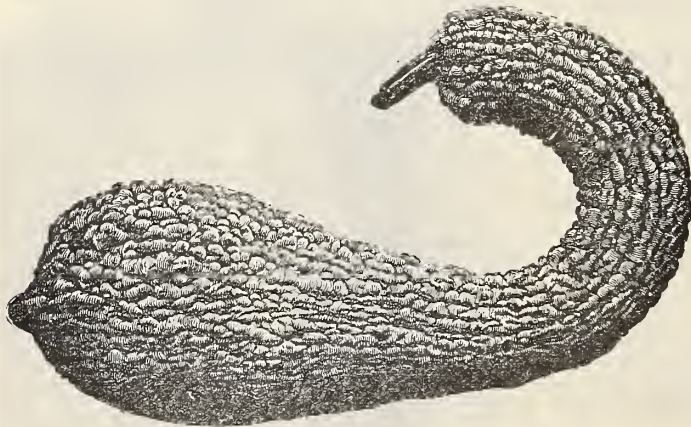
Sow in hills four feet apart each way at the same time as cucumbers and melons are sown. One ounce of seed to 25 hills.

EARLY WHITE BUSH The well-known White Scalloped or Patty Pan squash. One of the earliest to mature, very productive; skin and flesh a light cream color. A very popular variety for shipment to Northern markets, as well as being a general favorite for home gardeners everywhere. Pkt. 10c, oz. 20c, ¼lb 40c, lb \$1.25, postpaid.



WARTED HUBBARD SQUASH

WARTED HUBBARD This very fine variety much resembles the Original Hubbard, except that it is larger and more covered with warts. Can be kept until late spring. The shell is very hard and dry. Pkt. 10c, oz. 20c, ¼lb 50c, lb \$1.50, postpaid.



YELLOW SUMMER CROOKNECK SQUASH

YELLOW SUMMER CROOKNECK Plants are very productive and early bearing. Skin of fruit orange yellow and thickly warted. Pkt. 10c, oz. 20c, ¼lb 50c, lb \$1.50, postpaid.

STANDARD LIST OF SQUASH

LONG WHITE VEGETABLE MARROW. Pkt. 10c, oz. 20c, ¼lb 50c, lb \$1.50, postpaid.

CALIFORNIA LARGE FIELD A very large Squash, often called pumpkin; grows to an immense size, frequently weighing over 100 pounds. Pkt. 10c, oz. 20c, ¼lb 50c, lb \$1.50, postpaid.

SALSIFY OR OYSTER PLANT

MAMMOTH SANDWICH ISLAND Grows very large here, resembling good-sized parsnip; well flavored, mild. Pkt. 10c, oz. 25c, ¼lb 85c, lb \$3.00, postpaid.

POT HERBS

Herbs in general delight in rich, mellow soil. Cut the leaves while still tender and dry them in the shade.

ANISE. For garnishing and flavoring. Pkt. 10c, postpaid.

ANGELICA GARDEN. Pkt. 10c, postpaid.

BALM. A hardy perennial of aromatic taste and fragrant smell. Pkt. 10c, postpaid.

BASIL, SWEET. Used for soups, stews and sauces. Pkt. 10c, postpaid.

BORAGE. Pkt. 10c, postpaid.

CARAWAY. For confectionery, medicine and flavoring. Pkt. 10c, postpaid.

CATNIP. Pkt. 10c, postpaid.

CASTOR OIL BEAN. For ornament and medicine. 6 feet. Pkt. 10c, oz. 20c, postpaid.

CHERVIL. Pkt. 10c, postpaid.

CORIANDER. Grown for its seeds, also for garnishing. 2 ft. Pkt. 10c, postpaid.

DILL. Leaves are used in soups, sauces and pickles; seed for flavoring. Pkt. 10c, oz. 20c, postpaid.

FENNEL, SWEET. Leaves are used in sauces. Pkt. 10c, postpaid.

HOPS. Pkt. 10c, postpaid.

HOREHOUND. Pkt. 10c, postpaid.

HYSSOP. Pkt. 10c, postpaid.

LA VENDER, AROMATIC. Pkt. 10c, postpaid.

MAJORAM, SWEET AMERICAN. Home grown seed is the best for winter use, as it makes more bulk. Pkt. 10c, postpaid.

ROSEMARY. Pkt. 10c, postpaid.

RUE. Pkt. 10c, postpaid.

SORRELL. Pkt. 10c, postpaid.

SAGE. Tender leaves and tops are used in sausage, stuffing and sauces. Pkt. 10c, postpaid.

SAVORY, WINTER. For seasoning. Pkt. 10c, postpaid.

SAVORY, SUMMER. For seasoning. Pkt. 10c, postpaid.

TANSY. Pkt. 10c, postpaid.

SAFFORD. Pkt. 10c, postpaid.

TARRAGON. Pkt. 10c, postpaid.

THYME, SUMMER. For seasoning. Pkt. 10c, postpaid.

WORMWOOD. Pkt. 10c, postpaid.

ITALIAN SQUASH Is a bush variety, and should be planted 5 feet apart. It should be used when quite young. When served it has a rich creamy flavor not equalled by any other squash. Some gardeners have made considerable money making a specialty of it. For the family garden we would recommend its use instead of the small White Bush Scallop, because of its excellent flavor. Since our introduction of this squash a few years ago, it has now become one of the staple products on the market. It is listed with the daily market reports, and is grown largely by the gardeners. Pkt. 10c, oz. 20c, ¼lb 65c, lb \$2.00, postpaid.

SPINACH

Espinaca

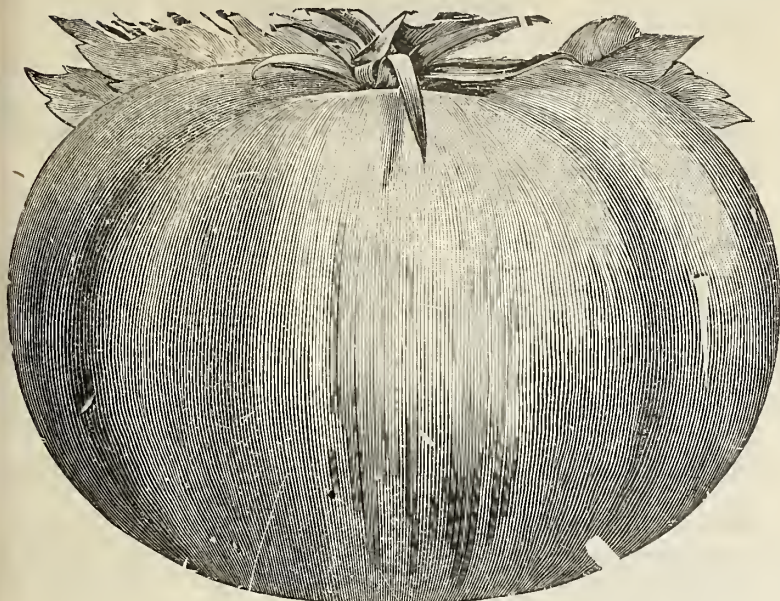
NEW ZEALAND A spreading vine with numerous branches. One plant will cover an area four feet in diameter. The tender tips may be cut every few days and cooked as spinach; it is just as good. One pkt. is enough for a family garden. Pkt. 10c, oz. 25c, ¼lb 75c, lb \$2.25, postpaid.

The precocity of the New Zealand spinach plant in favorable soil has been noted by many who have planted it, and a great number having garden space will plant this vegetable in their spring gardens. It may be planted at any time of the year, but responds to the influence of the March and April sun. Sow in hills or drills a foot apart, and, for succession, once every two weeks. Then thin out as the plants crowd each other, and cut the tender tips as needed.

Frequently this plant spreads five or six feet in each direction, and often survives the mild winters in some parts of the Southwest. The flavor of this spinach is good, and the coarser parts of the plant may be fed to chickens, which are very partial to it.

WINTER PRICKLEY Highly popular with the market gardeners. Winter Prickley is considered the best sort for the Southwest. The leaves are wrinkled in the same manner as the Savoy Cabbage. A crop of this variety weighs much heavier than other variety. It grows very quickly. Fine for all sowing. Pkt. 10c, oz. 20c, ¼lb 30c, lb 75c, postpaid.

BLOOMSDALE OR SAVOY Good for spring sowing. Stands a long time before shooting to seed. Large, thick leaves. Pkt. 10c, oz. 20c, ¼lb 30c, lb 75c, postpaid.
Write for prices on quantities.

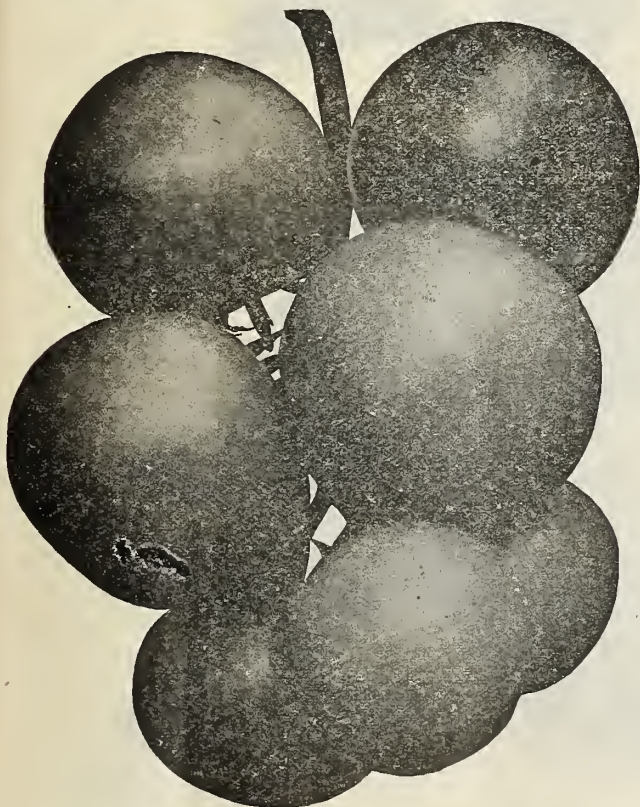


JUNE PINK TOMATO

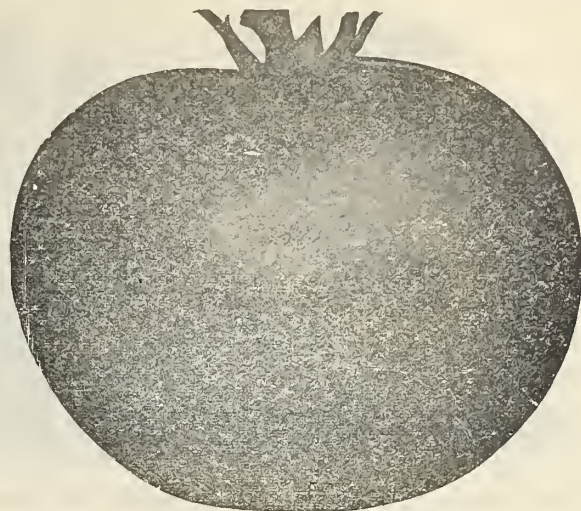
June Pink Tomato

The earliest of all pink varieties in habit and growth. It is similar to the Earliana. The plant is compact, branching freely, the fruit hanging in clusters of six to ten fruits, both in the crowns and at the forks of the branches. The fruits are uniform, very smooth and most attractively shaped. This Tomato does not crack and does not carry the usually green core. The skin is reasonably tough, which makes it excellent for shipping. The color is of a very pleasing pink and brings the highest prices in markets where a pink Tomato is in demand. It will continue to bear and ripen fruit until frost. The fruit will average almost three inches in diameter and about 2½ inches in depth. The flavor is very rich and pleasant, making it also desirable for the home garden. You will also find that the June Pink will ripen nearly every tomato on a cluster at the same time. We are exceedingly proud of our strain of June Pink Tomato, as we have sold seed to the most critical growers.

Pkt. 10c, oz. 40c, ¼lb \$1.25, lb \$4.00, postpaid.



EL PASO FIRST EARLY TOMATO



NEW STONE TOMATO

TOMATO

Tomato

For early use, sow in February or March, in a hotbed or in boxes, which should be placed near a window. When the seedlings are about two inches high, transplant into 2 or 3-inch pots, or in rows 4 or 5 inches apart, keeping the temperature at about 60 degrees. Subsequent transplanting will make the plants stocky and strong. Do not set them in the open ground until all danger from frost is past, then plant into a warm, sunny location, three feet apart each way, and water freely until they are well established. One ounce of seed will produce about 1,000 plants.

New Stone Tomato

Our strain of this good old variety is recognized as the greatest shipping, canning and home garden type ever introduced. On account of firm flesh, desirable size and well established character for acclimation, it is considered the finest strain grown in Southwest. Market gardeners have grown to thoroughly depend upon its uniformity and proclaim it the greatest of all canning or market tomatoes.

Our strain New Stone Tomato seed is gathered only from selected stock which has been grown exclusively for seed purposes.

We do not attempt to use the pulp for any other purpose than to obtain our seed from it, and as a result we have been able to increase the splendid quality of our New Stone Tomato seed.

By selecting perfect specimen tomatoes from our field, we are certain to maintain a true type, symmetrical fruit, healthy plants, and above all, prolificness. Price, Pkt. 10c, oz. 40c, ¼lb \$1.25, lb \$4.00, postpaid.

PONDEROSA The largest-fruited Tomato in cultivation, single fruits often weighing from 2 to 4 pounds and measuring 18 inches in circumference. Of glowing deep purple color, which permeates the flesh to the heart. It is solid and meaty, and has small seed cavities, therefore selected seed of this variety will always be scarce. Fine for slicing and of excellent flavor. Pkt. 10c, oz. 65c, ¼lb \$2.20, lb \$6.50, postpaid.

SELECTED SPARKS' EARLIANA It is remarkable for its earliness and bright red color. Its solidity and fine qualities are equal to the best medium and late sorts. Pkt. 10c, oz. 50c, ¼lb \$1.50, lb \$5.00, postpaid.

DWARF STONE (Tree tomato.)—Large, red smooth and solid. The stalk is upright, with dense foliage protecting the fruit from the heat of the sun. It is a desirable tomato to grow. Pkt. 10c, oz. 40c, ¼lb \$1.25, lb \$4.00, postpaid.

SELECTED BONNY BEST EARLY In shape it is roundish and slightly flattened at the stem end, but thicker through than most tomatoes in its class. In color it is a beautiful scarlet red. Pkt. 10c, oz. 40c, ¼lb \$1.25, lb \$4.00, postpaid.

SELECTED BEAUTY Fruit large, in clusters of four or five. Color a rich, purplish pink. Excellent for early market. It can be picked when green and will ripen up afterward. Pkt. 10c, oz. 40c, ¼lb \$1.25, lb \$4.00, postpaid.

EL PASO FIRST EARLY One of the earliest, largest, absolutely smooth Tomatoes on earth. A week earlier than the "Earliana" and as large as the Dwarf Stone. Pkt. 10c, oz. 50c, ¼lb \$1.50, lb \$5.00, postpaid.

Preserving Tomatoes

HUSH OR GROUND CHERRY.

PLUM RED.

PLUM YELLOW.

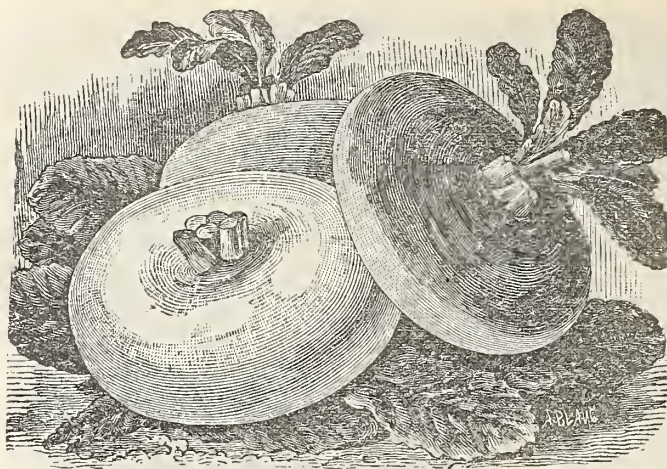
YELLOW CHERRY.

YELLOW PEAR SHAPED.

RED CHERRY.

RED PEAR SHAPED.

Price of any variety on this list—Pkt. 10c, oz. 50c, ¼lb \$1.00, lb \$3.50, postpaid.



EARLY WHITE FLAT DUTCH

TURNIP

PURPLE TOP STRAP LEAF

TURNIP

SEVEN TOP

Extensively grown in the Southwest for the tops, which are used as greens. Very hardy and will grow all winter. Pkt. 10c, oz. 20c, ¼lb 35c, lb \$1.00, postpaid.

TURNIP

Nabos

Turnips prefer a light, sandy loam. Sow in rows 12 to 18 inches apart, and half an inch deep. Thin out so that the plants stand 4 inches apart. For early use sow as soon as the ground can be worked; for winter use, sow in August. One ounce will sow 20 feet of drill.

EARLY RED, OR PURPLE TOP STRAP LEAF—

Quick growing; flesh very grained and sweet. Pkt. 10c, oz. 20c, ¼lb 40c, lb \$1.25, postpaid.

RED TOP WHITE GLOBE

Upper half is of purplish red color, while the lower half is pure white. Flesh white throughout, crisp and of excellent table quality. It is rather late and grows to large size. Pkt. 10c, oz. 20c, ¼lb 40c, lb \$1.25.

EARLY WHITE FLAT DUTCH STRAP-LEAVED—

Matures only a week after the earliest Milan, but keeps much longer in fine condition. The skin is pure white, the flesh is mild, juicy and of best table qualities. Pkt. 10c, oz. 20c, ¼lb 35c, lb \$1.00, postpaid.

LARGE YELLOW, OR AMBER GLOBE

Grows to a large size and is chiefly used for stock feeding. Flesh yellow, firm, and of good keeping qualities. Pkt. 10c, oz. 20c, ¼lb 40c, lb \$1.25, postpaid.

GOLDEN BALL, OR ORANGE JELLY

Small, but of best quality. Flesh is rich and sweet. Grows quickly and keeps well. Pkt. 10c, oz. 20c, ¼lb 40c, lb \$1.25, postpaid.

IMPROVED PURPLE TOP RUTABAGA

Hardy and productive; flesh yellow; of solid texture, sweet and well flavored; shape slightly oblong, terminating abruptly; color deep purple above and bright yellow under the ground; leaves small, with little or no neck; perfect in form, rich in flavor, and first-class in every respect. Pkt. 10c, oz. 20c, ¼lb 40c, lb \$1.25, postpaid.

STOCK BEETS

ROOT CROPS FOR STOCK FEEDING

MANGEL WURZELS The value of root crops for stock feeding is being more and more recognized. Foremost among these are mangel Wurzels and Sugar Beets, of which enormous crops may be raised. If fed to cows, will greatly increase flow of milk.

They should be planted in rows, 3 feet apart, in very rich ground. Five or six pounds of seed will sow one acre.

GIANT FEEDING SUGAR BEET

Or Half-Sugar Mangcl. Easily grown and harvested, and combine the highly nutritive value of a Sugar Beet with the large size of a Mangel Wurzel. Pkt. 10c, oz. 20c, ¼lb 35c, lb \$1.00, postpaid.

MAMMOTH LONG RED

Also called Norbiton Giant and Carter's Prize. Roots of this variety grow to larger size than those of any other sort. Are well formed, with flesh of blood red color. Very nutritious. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.

VILMORIN'S IMPROVED

Containing, under favorable conditions, as high as 18 per cent. sugar. Roots grow below surface of ground, small to medium size, yield 10 to 16 tons per acre. Pkt. 10c, oz. 20c, ¼lb 30c, lb \$1.00, postpaid.

NOTE.—Stock Beet Seeds are very scarce this season. Our stock is the very best, but limited.



GIANT HALF FEEDING SUGAR BEET OR MANGEL

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SHERWIN-WILLIAMS—Insecticides will insure you better Fruits and Vegetables.

Fruit or Vegetable	Pest	What to Use	Dilution (See Below)	When to Spray
APPLE	San Jose Scale	Dry Lime-Sulfur	12 to 15 lbs.	In fall after leaves drop or in spring when trees are dormant.
	Codling Moth	Dry Arsenate of Lead	1 to 1½ lbs.	(1) At fall of the blossoms before the calyx closes. (2) Three weeks after fall of blossoms. (3) Ten weeks after fall of blossoms. (4) Fourteen weeks after fall of blossoms. (5) Seventeen weeks after fall of blossoms. (Sprays 4 and 5 are advised for apple regions below latitude of Central Illinois and for certain parts of the Northwest.)
	Cankerworm	Dry Arsenate of Lead	1 to 2 lbs.	(1) Just before blossoms in cluster-bud. (2) At fall of blossoms.
	Bitter-Rot	Fungi-Bordo	9 lbs.	Spray about the middle of June and keep fruit coated the rest of the season.
	Blotch	Dry Lime-Sulfur Fungi-Bordo	3 lbs. 7 to 9 lbs.	(1) Three weeks after fall of blossoms. (2) Five weeks after fall of blossoms.
	Scab	Dry Lime-Sulfur	3 to 4 lbs.	(1) Just before blossoms in cluster-bud (2) At fall of blossoms. (3) Within a week or ten days later. (4) Latter part of July in Atlantic States if weather is cool and wet.
PEACH	Peach Twig Borer	Dry Lime-Sulfur	12½ lbs.	Just after buds begin to swell.
	Curculio	Dry Arsenate of Lead and Lime	1 to 1½ lbs. 3 lbs.	(1) When first shucks are pushing off. (2) Again when all shucks are off. (3) Three or four weeks after fall of blossoms.
	Brown Rot	Self-Boiled Lime and Sulfur	8 lbs. of each	(1) When all shucks are off. (2) Three or four weeks after fall of blossoms. (3) Four weeks before fruit is ripe. Should weather turn damp and warm near ripening time keep fruit well coated with spray.
	Scab	Self-Boiled Lime and Sulfur	8 lbs. of each	Spray for Brown Rot controls Scab.
	Leaf Curl	Dry Lime-Sulfur	12 to 15 lbs.	Either in fall after leaves drop or in spring before buds swell.
PEAR	Slug	Dry Arsenate of Lead	1 lb.	When slugs appear.
	Pear Psylla	(1) Spra-Mulsion (2) Dry Lime-Sulfur (3) Spra-Mulsion	3 to 4 gals. 12 to 15 lbs. 3 to 4 gals.	(1) During Nov., Dec., March or April on warm days. (2) When cluster-buds are separating at tips. (3) When leaf buds are just opening.
	Pear Leaf Blister Mite	Dry Lime-Sulfur Spra-Mulsion	12 to 15 lbs. 3 to 4 gals.	In fall after leaves drop or in the spring before buds burst.
	Scab	Dry Lime-Sulfur Fungi-Bordo	3 to 4 lbs. 9 lbs.	(1) Just before bloom, cluster-buds. (2) At fall of blossoms. (3) Two weeks later.
	Curculio	Dry Arsenate of Lead	1 lb.	(1) Just before blossoms buds open. (2) At fall of blossoms. (3) A week later.
PLUM	Brown Rot	Dry Lime-Sulfur	1 to 1½ lbs.	(1) Just before buds open. (2) Immediately after blossoms fall. (3) Ten days to two weeks later. If season is wet, spray every two weeks until month before picking time.
	Leaf Spot	Dry Lime-Sulfur	1 to 1½ lbs.	(1) Ten days after fall of blossoms. (2) Three weeks later. (3) Six weeks after fall of blossoms.
	Cherry Slug	Dry Arsenate of Lead	1 to 1½ lbs.	When slugs appear.
CHERRY	Curculio	Dry Arsenate of Lead	1 to 1½ lbs.	(1) At fall of blossoms. (2) A week to ten days later.
	Brown Rot	Dry Lime-Sulfur	1 to 1½ lbs.	(1) Just before the blossoms. (2) At fall of blossoms. (3) A week to ten days later. (4) when fruit begins to color.
GRAPE	Rose Chafer	Dry Arsenate of Lead and Molasses	2 lbs. 1 gal.	At first appearance of beetles and one week later if beetles are still present.
	Grape Berry Moth	Dry Arsenate of Lead	1½ lbs.	(1) Just before fruit sets. (2) About ten days later. (3) Mid-July.
	Black Rot	Fungi-Bordo or Pestroy	7 to 9 lbs. 7 to 9 lbs.	(1) When second or third leaf is showing. (2) Before the blossoms open. (3) After fall of blossoms. (4) About ten days to two weeks later. (5) Again in ten to fourteen days.
	Leaf Spot	Dry Lime-Sulfur	1 to 1½ lbs.	(1) Ten days after fall of blossoms. (2) Three weeks later. (3) Six weeks after fall of blossoms.
CURRANT and GOOSEBERRY	Curculio	Dry Arsenate of Lead	1 to 1½ lbs.	When slugs appear.
	Brown Rot	Dry Lime-Sulfur	1 to 1½ lbs.	(1) Just before the blossoms. (2) At fall of blossoms. (3) A week to ten days later. (4) when fruit begins to color.
STRAWBERRY	Rose Chafer	Dry Arsenate of Lead and Molasses	2 lbs. 1 gal.	At first appearance of beetles and one week later if beetles are still present.
	Grape Berry Moth	Dry Arsenate of Lead	1½ lbs.	(1) Just before fruit sets. (2) About ten days later. (3) Mid-July.
	Black Rot	Fungi-Bordo or Pestroy	7 to 9 lbs. 7 to 9 lbs.	(1) When second or third leaf is showing. (2) Before the blossoms open. (3) After fall of blossoms. (4) About ten days to two weeks later. (5) Again in ten to fourteen days.
CURRANT and GOOSEBERRY	Curculio	Dry Arsenate of Lead	1 to 1½ lbs.	When slugs appear.
	Brown Rot	Dry Lime-Sulfur	1 to 1½ lbs.	(1) Just before the blossoms. (2) At fall of blossoms. (3) A week to ten days later. (4) when fruit begins to color.
RASPBERRY	Anthracnose	Dry Lime-Sulfur	4 lbs.	(1) When new shoots are six inches high. (2) When ten inches high. (3) Just before bloom.
	Colorado Potato Beetle	Dry Arsenate of Lead Tuber-Tonic Paris Green	1 to 2 lbs. 1½ to 3 lbs. ½ to 2 lbs.	Before eggs hatched and every 10 to 14 days until insects disappear.
POTATO	Flea Beetle	Pestroy	9 lbs.	Spray frequently as repellant.
	Late Blight	Fungi-Bordo	7 to 10 lbs.	Begin when plants are 6 inches high and thereafter at 10-day intervals until 4 or 5 sprays have been applied.
BEAN	Bean Ladybird	Dry Arsenate of Lead	2 lbs.	When beetles and eggs appear.
	Anthracnose	Fungi-Bordo	9 lbs.	While Cotyledons or original seed parts are still on seedlings.
TOMATO	Tomato Worms	Dry Arsenate of Lead	1 to 1½ lbs.	When worms appear.
	Leaf Spot	Fungi-Bordo	7 lbs.	At setting time and at two-week intervals up to picking season.
ONION	Thrips	Nicotine Sulfate and Soap	½ pint and 2½ lbs.	Spray frequently in crotch of plants.
	Mildew	Fungi-Bordo	7 lbs.	Spray frequently.
CABBAGE and CAULIFLOWER	Cabbage Worms	Dry Arsenate of Lead and Soap	1 lb. 5 to 6 lbs.	When worms appear.
	Asparagus Beetle	Dry Arsenate of Lead	6 lbs.	Leave every tenth row uncut and spray from both sides. Apply three or four sprays at frequent intervals.
BEET	Leaf Spot	Fungi-Bordo	7 lbs.	Early in spring when plants are small.
CELERY	Early and Late Blight	Fungi-Bordo	7 lbs.	Spray frequently.
CUCUMBER	Striped Cucumber Beetle	Pestroy	7 lbs.	Spray frequently to repel beetles.
EGGPLANT	Flea Beetle	Pestroy	7 lbs.	Frequent applications.
MUSKMELON or CANTALOUPE	Aphis	Nicotine Sulfate	½ pint	When lice appear. Spray undersides of leaves.
PEPPER	Rot	Fungi-Bordo	7 lbs.	Spray two or three times during fruiting season.

All dilutions on basis of amount per 50 gallons spray.

See next page for Prices on Insecticides.

INSECTICIDES

All prices are f. o. b. here; when ordered sent by mail add postage. See parcel post rate inside front cover page.

NOTICE Poisonous insecticides cannot be sent by mail. Many insecticides are not dangerously poisonous. Some are in liquid form, put up in tins or glass; to send these by mail, extraordinary care must be given to the packing, which necessarily adds much to the weight and therefore the postage may seem out of proportion to the purchase price.

On bulky items where the postpaid price is not mentioned, we prefer to send by express, and shall do so unless requested to do otherwise.

If wanted by parcel post, add sufficient money to cover postage. Estimate liquids plus package at the rate of 4 pounds to the quart, or 14 pounds to the gallon. See parcel post rate on inside of front cover page.

Prices fluctuate and are subject to market changes.

"To successfully grow fruit and vegetables, it is necessary to be prepared at all times to combat and control the destructive insects and diseases which are classified in three distinctive classes; namely, leaf-eating and chewing insects, leaf-sucking insects and fungus diseases.

Different control measures are used in combating each type of insect and disease as above mentioned.

Complete information from our best authorities on this subject has been secured and may be obtained in book form free. Write for our S. & W. Sprayers Manual.

SHERWIN WILLIAMS DRY POWDERED ARSENATE OF

LEAD Because of its unusual lightness, stays thoroughly in suspension during spraying operations, thus giving the spray uniform strength. May be used as a wet spray, or dusting. For the control of Codling Moth. Cabbage Worms, and all leaf-eating and chewing insects.

Directions: One to one and one-half pounds to fifty gallons of water. Or three or four level tablespoonfuls to one gallon of water. For dusting use with five or six parts powdered Lime. ½ lb 40c, 1 lb 70c, 5 lbs. \$3.00. Cannot be sent by mail. Write for prices on large quantities.

SHERWIN WILLIAMS FUNGI-BORDO (Bordeaux Mixture)

In powdered form, mixes perfectly with cold water. For peach, tomato, and potato blight and all fungus diseases.

Directions: Use seven to nine pounds to fifty gallons of water. Or seven to eight tablespoonfuls to one gallon of water. 1 lb 75c, 5 lbs. \$2.30. Write for quantity price. Cannot be sent by mail.

SHERWIN WILLIAMS DRY LIME-SULFUR

The use and success of Lime-Sulfur Solution is known to practically every fruit grower in the country. Sherwin-Williams Dry Lime-Sulfur is standard Lime-Sulfur Solution in dry powdered form—the first and only one of its kind on the market. It has all the advantages of the liquid material, but eliminates the disadvantages—of heavy freight charges, loss from evaporation and leakage; also the inconvenience of handling a heavy and bulky barrel. Its effectiveness has been proven by a number of years of use by large fruit growers and practically all Experiment Stations.

It will control San Jose scale, Leaf Blister mite, Peach Leaf curl and red spider.

Directions for use in spraying dormant trees. Use from ten to four-teen pounds to fifty gallons of water or eight to ten tablespoonfuls to one gallon of water. For summer spraying against fungus diseases on all stone fruit, use two and one-half to three pounds to fifty gallons of water. 1 lb 35c, 5 lbs. \$1.50, 10 lbs. pkg. \$2.50. Write for quantity price. May be sent by mail.

SHERWIN WILLIAMS PARIS GREEN

has by years of use proven its quality. It has become the standard Paris Green in localities. It is light and fluffy, insuring good suspension in the spray tank and thorough covering of the foliage; contains approximately 56% arsenious oxide and less water soluble arsenic than is allowed by the law. It is one of the safest and most effective Paris Greens on the market today.

Directions for use: Four to six ounces to fifty gallon of water. Or two teaspoonfuls to one gallon of water. For cut worms and grasshoppers add one tablespoonful of Paris Green to ten pounds of bran and spread about the base of the plants. It is also well to add ¼ lb Paris Green to each barrel of Bordeaux when spraying tomatoes. ¼ lb pkg. 40c, ½ lb 70c, 1 lb 90c. Write for quantity price. Cannot be sent by mail.

SHERWIN WILLIAMS PRUNING COMPOUND

Will aid nature in healing wounds without retarding the growth. Has special disinfectant qualities. The compound is ready for use. Cover all cuts at once; use stiff brush or cloth to apply. 1 qt. 80c. May be sent by mail.

SHERWIN WILLIAMS TUBER-TONIC

A two-in-one spray, controlling both the tomato worms and blight. Many large tomato and potato growers have used Tuber-Tonic with splendid results and have re-ordered. A combination of Paris Green and Bordeaux Mixture. Seven to ten pounds to fifty gallons water. 1 lb 75c, 5 lbs. \$3.05. Write for quantity price. Cannot be sent by mail.

GRAFTING WAX A Lion Brand preparation for healing wounds on trees, caused by pruning. Very excellent also for spreading around the graft in grafting propagation. ½ pound 75 cents, and ¼ pound 40 cents, postpaid.

SHERWIN WILLIAMS SPRAMULSION

Is a high quality chemical emulsion. It emulsifies perfectly in water. Is used for the control of various types of deciduous scale. It has also been found very effective for the control of citrus scale when used in combination with Dry Lime Sulfur. Directions for spraying dormant deciduous trees: One gallon of Spramulsion to twelve gallons of water. Direction for spraying citrus trees: One gallon of Spramulsion to forty gallons of water; with the addition of 2½ pounds of Dry Lime sulfur. Spraying should be done early in the fall, between the first of Sept. and the first of Dec. Thoroughness of application is very necessary. 1 quart 60c, 1 gallon \$1.25, 5 gallons \$5.00.

ANT POWDER Watch it get 'em. ¼ lb 50c, ½ lb \$1.00. May be sent by mail.

"BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine

1 oz.—\$.50—makes 6 gals. spray
½ lb.—\$ 1.25—makes 40 to 120 gals. spray
2 lbs.—\$ 3.75—makes 160 to 500 gals. spray
10 lbs.—\$15.50—makes 800 to 2500 gals. spray

BLUE STONE (Sulphate of Copper). Applied in time it will prevent mildew and all fungus diseases. Also prevent smut on barley and wheat, by soaking seed to be planted in a solution of 1 lb to 6 gallons of water for ten or fifteen minutes. (Per lb 25c). Write for quantity price. May be sent by parcel post.

BUHACH POWDER 1½ oz. packages 20c, 3 oz. packages 40c, 6 oz. packages 70c, 12 oz. packages \$1.25. May be sent by mail.

CARBOLIC ACID, CRUDE 1 pt. cans 40c, 1 qt. cans 60c. Cannot be sent by mail.

CARBON BISULPHIDE (Liquid). For exterminating gophers, squirrels, ants or any vermin that live under the ground. Saturate cotton or other absorbent, put deep in hole and close all openings. For ants, pour into the openings. For weevil in air-tight chamber; for 100 cubic feet of space use ½ pint Carbon Bisulphide, saturate it into any absorbent so that it will evaporate quickly; close the chamber tightly for three or four hours. It is not necessary to remove the grain from the sacks. Notice: It is very combustible. Do not smoke or have fire near while handling. 12 oz. 40c, 25 oz. 60c, 1 gal. \$2.00. Cannot be sent by mail.

FORMALDEHYDE (Liquid). For destroying the germs of smut on grain, scab and rhizoctonia on potatoes. Dilute one pint in forty gallons of water, submerge potatoes one and one-half hours and grain only long enough to moisten it. ½ pint 75c, 1 pint \$1.35, 1 qt. \$2.00. Cannot be sent by mail.

HAMMOND'S SLUG-SHOT (Powder). Destroys bugs, insects and worms on melons, lime beans, cucumbers and tender plants. Also for use on asters, roses and flowering plants. Easily distributed by duster or in water by spraying 1 lb to 10 gallons of water. Not injurious to persons or animals. May be sent by mail. 1 lb 30c, 5 lbs. 85c, 10 lbs. \$1.50.

SULPHUR As an insecticide is used for the control of Red Spider and Mildew. Is used extensively on vines and vegetables. The Sulphur we have to offer is the purest that money can buy. Anchor Brand 100 lb sack \$5.80, f. o. b. El Paso, Texas.

TOBACCO DUST For aphids and small insects in plant beds and poultry houses. 1 lb 20c, 10 lbs. \$1.50. Cannot be sent by mail.

TOBACCO STEMS For fumigating green-houses and chicken nests. (10c lb) (by mail 20c per lb). Write for Quantity Price.

TREE TANGLEFOOT (Paste). This is a sticky substance applied to the bark of trees to protect them from all climbing insects and also rabbits. It will prevent ants from entering the trees. One application is good for three or four months. 1 lb cans 60c, 3 lbs. \$1.75, 10 lbs. \$5.00.

WHALE OIL SOAP (Fish Oil). This is not only an excellent insecticide for killing plant lice and fungus growth, but should be mixed with most all liquid sprays as it causes the spray to adhere much better to the leaves. (1 lb 35c). May be mailed.

LIME Air-slacked. (80 lb sacks \$1.20).

CHOICE FLOWER SEEDS

BRIEF HINTS ON SOWING.—Nine-tenths of the failures in raising flowers are caused by improper treatment of the seeds and young plants. The finer seeds should be started in shallow, well drained boxes in the house and the young seedlings should be transplanted a few times until they are large enough to set out into the open ground. Do not plant any seed as long as the ground is wet. A melon loam, enriched with composed of rotted manure and leaf mould is best adapted to most flowers. Rake the surface as smooth and fine as possible, elevating the surface of the beds and borders slightly in the middle so that surplus water may run off. Cover the different seeds in proportion to their size, giving very thin covering to small seeds and planting large seeds deeper.

AGERATUM

Valuable for bedding. Easily grown and bloom all summer. Half hardy annual.
MEXICANUM Lavender-blue, 2 feet.
Pkt. 10c, postpaid.

ALYSSUM

SWEET Of easiest culture. Fragrant white flowers.
Pkt. 10c, oz. 50c, postpaid.

AQUILEGIA (Columbine)

Blooms very early in the season. Grows 2 to 3 feet in height. Hardy perennial.
CHOICE DOUBLE, MIXED Beautiful and varied colors.
Pkt. 10c, postpaid.

ASTERS

These grow best in rich soil, although they will give satisfactory results in any ordinary garden soil. Annual.

WHITE-BRANCHING Magnificent double white flowers, measuring 4 inches in diameter, are borne on long stems. The petals are long and curled, giving the flower the appearance of a chrysanthemum. Fine for cutting. Pkt. 10c, postpaid.

TRUFFAUT'S PERFECTION (Improved Paeony-flowered). Large, finely shaped, double, 1½ feet. Pure white, blue and purple, and finest mixed. Pkt. 10c, postpaid.

GOOD MIXED American strain, with handsome double flowers on long stems.
Pkt. 10c, postpaid.

ANTIRRHINUM (Snap Dragon)

Very showy and useful, border plants. If sown quite early, they bloom the first year. Hardy biennial. 1 to 2 feet.

TOM THUMB, MIXED Finest Dwarf.
Pkt. 10c, postpaid.

TALL MIXED Contains may brilliant colors.
Pkt. 10c, postpaid.

BALSAM

A great favorite, producing masses of gorgeous, brilliantly colored double flowers. It succeeds in good rich soil and is easily grown, 2 feet. Tender annual.

DOUBLE WHITE Pkt. 10c, postpaid.

DOUBLE MIXED Occasionally semi-double.
Pkt. 10c, postpaid.

BELLIS PERENNIS (English Daisy)

SNOWBALL Large, pure white flowers, with flat petals.
Pkt. 10c, postpaid.

DOUBLE DAISY Dwarf, hardy, blooming freely.
Pkt. 10c, postpaid.

FINE DOUBLE MIXED Pkt. 10c, postpaid.

CALLIOPSIS

TALL, FINE MIXED Thrives with little care in any soil and blooms until frost. 3 feet. All the best types. Fine cut-flowers. Pkt. 10c, postpaid.



COSMOS



WHITE BRANCHING ASTER

CANNA, DWARF FRENCH

Highly ornamental plants, with broad, massive foliage and tall flower-stalks, carrying racemes of crimson, orange and scarlet blossoms. Soak the seed before planting.

CROZY'S LARGE-FLOWERING, FINEST MIXED

All the newest and most beautiful varieties. Pkt. 10c, postpaid.

CARNATION

Highly esteemed favorite. Flowers of delicious fragrance and rich colors. They are equally well adapted to garden culture or to growing in pots in the house.

FINEST GERMAN MIXED Saved from extra fine double named flowers. Pkt. 25c, oz. \$2.00, postpaid.

MARGUERITE Produces its beautiful flowers four months after sowing the seed. Flowers fragrant. Pkt. 10c, oz. \$1.00, postpaid.

CASTOR BEANS

(See Recinus)

CAMPANULA

CANTERBURY BELLS Easily grown, very ornamental garden plants, with large, bell-shaped flowers of attractive colors. Hardy biennial. 2½ feet. Single mixed. Pkt 10c, postpaid.

CANDY TUFT

GIANT EMPRESS Pure white.
Pkt. 10c, postpaid.

WHITE ROCKET Handsome.
Pkt. 10c, postpaid.

DWARF MIXED Many shades.
Pkt. 10c, postpaid.

FINE MIXED Pkt. 10c, oz. 50c, postpaid.

CALENDULA

METEOR Large double flowers, yellow.
Pkt. 10c, postpaid.

DOUBLE MIXED Pot Marigold.
Pkt. 10c, postpaid.

CELOSIA, OR COCKSCOMB

Free flowering, graceful plants. Some produce long flower racemes and grow from 2 to 4 feet tall, while others remain quite dwarf, and produce massive, heavy flower-heads of the shape of a cockscomb. In every case the flowers are of brilliant, shining hues. The dwarf type make excellent pot plants, while the tall sorts furnish fine material for bouquets. Half-hardy annual Dwarf, mixed, all colors. Pkt. 10c, postpaid.

ANNUAL CHRYSANTHEMUMS

Very showy garden favorite, highly effective as summer-flowering border-plants, and also grown for cut-flowers. Quite different from the autumn-flowering chrysanthemums.

SINGLE AND DOUBLE SORTS Finest, mixture, including many varieties. Pkt. 10c, postpaid.

CHRYSANTHEMUM Perennial; mixed.
Pkt. 15c, postpaid.

COSMOS (Texas Star)

DEEP CRIMSON—Very rich, Pkt. 10c. **PINK**—A pretty shade. Pkt. 10c. **PURE WHITE**—Pkt. 10c. A Pkt. of each of the four colors for 30c. **MIXED**—All colors, Pkt. 10c, oz. 35c, postpaid.

FLOWER SEEDS--Continued



DIANTHUS OR HARDY PINKS

DIGITALIS

Foxglove

GLOXINIAEFLORE Handsomely spotted, gloxiana-like flowers, borne on long spikes. An extra fine strain. All colors mixed. Pkt. 10c, postpaid.

ESCHSCHOLTZIA

California Poppy

Very attractive annuals for beds, edgings, or masses; profuse flowering, fine cut, glaucous foliage; in bloom from May to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination. 1 foot.

CALIFORNICA Bright yellow. Pkt. 10c, oz. 50c, postpaid.

ALBA Pure white. Pkt. 10c, oz. 50c, postpaid.

CRIMSON FLOWERING (Burbank's). Pkt. 10c, oz. \$1.00, postpaid.

GOLDEN WEST Canary yellow and orange. Height 1 foot. Pkt. 10c, oz. \$1.00, postpaid.

FINE MIXED All sorts. Height 1 foot. Pkt. 10c, oz. 75c, postpaid.

GERANIUM

ZONALE MIXED If sown early in the season, these well known plants will bloom the first year. Fine for bedding. Pkt. 15c, postpaid.

DELPHINUM

Perennial, double mixed. Height 1 foot. Pkt. 15c, postpaid.

MARVEL OF PERU—Four O'clock

MIXED Bushy annual, growing from 2 to 3 feet high. White, yellow, red and striped flowers. Pkt. 10c, oz. 30c, postpaid.

NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring, and general excellence, nothing excels nasturtiums. All they need is moderately good soil, in a well drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a few very large number of sorts as being the best and most distinct:

TOM THUMB DWARF OR BEDDING VARIETIES

FINEST MIXED Pkt. 10c, oz. 20c, 1/4 lb 65c, lb \$2.00, postpaid. Tom Thumb varieties.

TALL, OR CLIMBING VARIETIES Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings, and to trail over rough ground with fine effect. The seed-pods can be gathered while green and tender for pickling. 6 to 10 feet.

FINEST MIXED Tall or climbing varieties. Pkt. 10c, oz. 20c, 1/4 lb 65c, lb \$2.00, postpaid.

GYPSOPHILA

PANICULATA A hardy perennial, blooming during the summer. Fine for mixing bouquets with flowers of various colors. Pkt. 10c, postpaid.

HELIOTROPE

These delightfully fragrant flowers are easily grown from seed. They bloom throughout the summer and are very desirable for bouquets. Finest Mixed. Pkt. 10c, postpaid.

HOLLYHOCK

FINEST DOUBLE MIXED Large double-flowers in a great variety of colors. Pkt. 10c, postpaid.

LARKSPUR

DWARF ROCKET Finest Double mixed. Pkt. 10c, postpaid.

DOUBLE STOCK-FLOWERED And Tall Mixed, many branches which carry long spikes of beautiful blue flowers. Pkt. 10c, postpaid.

DAHLIA

If sown early they will produce flowers the first season. Dig up the bulbs in the fall, and winter them in a dry place where it does not freeze.

LARGE-FLOWERING DOUBLE MIXED Pkt 10c, oz. \$1.00, postpaid

SINGLE, FINEST MIXED Very showy and fine for cut flowers. Pkt. 10c, postpaid.

DIANTHUS, OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

DOUBLE ANNUAL PINKS

CHINENSIS FL. PL. (Cina or Indian Pink). Blooms in clusters; flowers very double and in a large range of bright colors. Pkt. 10c, postpaid.

HEDDEWIGI FL. PL. (Double Japan Pink). Double mixed. Colors varying from the richest velvety crimson to the most delicate rose. Pkt. 10c, postpaid.

SINGLE ANNUAL PINKS

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot. Mixed. Pkt. 10c, postpaid.

FORGET-ME-NOT

Myosotis
An old favorite with pretty star-like flowers. It flourishes in moist, shady situations and will bloom the first year from seed, if sown early. Half-hardy perennial.

PALUSTRIS The true Marsh Forget-Me-Not. The flowers are blue and white, with yellow eyes. 1 foot. Pkt. 10c, postpaid.

FEVERFEW

Matricaria Capensis

DOUBLE WHITE Bushy annual, bearing double, white buttonlike flowers in profusion. Excellent for cutting and for bouquets. Pkt. 10c, postpaid.

GAILLARDIA

Blanket Flower

Half-hardy annual, growing about 2 feet high. It thrives well most anywhere, producing an abundance of richly colored flowers.

PICTA LORENZIANA A fine double variety with deep flowers, measuring nearly three inches across. Pkt. 10c, postpaid.



GAILLARDIAS

FLOWER SEEDS—Continued

NICOTIANA

SANDERAE (Carmine-Flowered Tobacco Plant)—Created quite a sensation when brought out by one of the English houses a few years ago. The plants grow about 3 feet high, are bushy and very much branched. The faintly scented flowers are tube shaped and of brilliant carmine color. As easily grown as petunias. Pkt. 10c, postpaid.



GIANT TRIMARDEAU PANSY

PETUNIA

Effective and easily grown annuals which bloom throughout the summer.

DOUBLE LARGE FLOWERING Beautiful varieties in mixture. Not our own saving, but the best that money can buy from other sources. Pkt. 25c, postpaid.

STRIPED AND BLOTCHED A good strain of the small-flowering type; beautifully striped and blotched flowers; fine massing. Pkt. 10c, postpaid.

FINE MIXED Good, bright colors. Pkt. 10c, postpaid.

Single Large Flowering Petunias

GIANT OF CALIFORNIA Flowers very large, in great variety of colors and markings, with deep yellow throats. Pkt. 25c, postpaid.

RUFFLED GIANT Flowers of extraordinary size and substance, and distinguished from the large-flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled. Pkt. 25c, postpaid.

PORTULACA

Dwarf annuals of creeping growth, thriving luxuriantly in an open, exposed situation. During bright, sunny days the plants are ablaze brilliant flowers of all shades. At night and on dull days the flowers remain closed.

SINGLE MIXED Large flowers of brilliant colors. Pkt. 10c, postpaid.

DOUBLE MIXED Perfectly double flowers of all colors. Pkt. 10c, postpaid.

RICINUS

Castor Oil Bean

ZANZIBARIENSIS Gigantic foliage, plants growing from 15 to 20 feet high in a season. The leaves are large and ornamental, measuring sometimes 2 feet across. Makes fine shade for chickens. Forms excellent screen for unsightly places. Pkt. 10c, postpaid.

MIXED Many varieties. Pkt. 10c, postpaid.

SALVIA

SPLENDENS **SCARLET SAGE.**—The plants are fairly covered with long spikes of vivid scarlet flowers. Very popular highly ornamental. Pkt. 10c, postpaid.

FLOWER SEEDS—Continued

MIGNONETTE

Reseda odorata

SWEET-SCENTED Well known fragrant favorite, which may be grown in beds, or in pots during the winter. It produces numerous small flower-stalks. Grows 1 foot high. Pkt. 10c, postpaid.

MIXED OF MANY SORTS Pkt. 10c, postpaid.

MARIGOLD

Tagetes

Free-flowering annuals of easy culture. Well adapted for large beds or mixed borders.

AFRICAN DOUBLE MIXED Grows 2 and 3 feet high. The flowers are very double and measure about 3 inches in diameter. The colors are orange, brown, yellow. Pkt. 10c, postpaid.

FRENCH LEGION OF HONOR The plants are of dwarf, compact growth, attaining a height of 8 or 10 inches. They bloom continuously from July until frost. Pkt. 10c, postpaid.

OXALIS

TROPAEOLOIDES Beautiful, small plants, with brown foliage and deep yellow flowers. They are particularly suitable for rock work, rustic baskets, etc. Make also desirable border plants. Pkt. 10c, postpaid.

PANSY

For spring blooming, sow in the fall and protect over winter. For summer blooming, sow as early in the spring as possible. They do best on rich, fresh soil.

GIANT TRIMARDEAU MIXED— Enormous flowers, each marked with three large spots or blotches. The variety of color is marvelous. Pkt. 10c, ½ oz. \$1.00, postpaid.

GERMAN MIXED Finest large-flowering. Pkt. 10c, ½ oz. \$1.00, postpaid.

GOOD MIXED Many rich colors. Pkt. 10c, ¼ oz. 50c, postpaid.

AT PRICES quoted in this Catalogue we will prepay the Postage or Express Charges, unless otherwise noted. Most other seedmen ask you to pay these items.

PHLOX DRUMMONDI

The easiest grown of all annual flowers in the Southwest. Sow seed as soon as the ground can be worked in the spring, broadcast, and work in lightly. No flower gives so wide a range of colors and variation; nor is there any plant finer for bedding for early display.

PHLOX, FINEST MIXED

All shades and colors. Pkt. 10c, postpaid.

A very showy, handsome plant. Finest mixed. Height 2 feet. Pkt. 10c, postpaid.

POPPY, Double

DOUBLE

PAEONY-FLOWERED

Enormous double flower of many shades of purple, red, pink, yellow and white; mixed. Pkt. 10c, postpaid.

SHIRLEY **SANTA ROSA STRAIN.**—The best and most varied strain in existence, including the new striped salmon and bluish shades. Height 2 feet. Pkt. 10c, oz. 50c, postpaid.

SUNFLOWER

Helianthus

CHRYSANTHEMUM FLOWERED Produces magnificent double flowers, measuring six to eight inches in diameter, with long, fringed petals. Pkt. 10c, postpaid.

SWEET SULTAN

Centaurea Suaveolens

The plant grows about 2 feet high, producing large flowers on long stems, of a sulphur yellow color, and sweet scented. The flowers remain a long time when cut, if taken when the buds are beginning to open. Pkt. 10c, postpaid.



PHLOX DRUMMONDI



DAHLIAS

Wild Flower Garden, or Children's Garden

Especially adapted for producing a display in large borders, or sowing along woodland walks, railroad embankments, for hiding an unsightly fence, stump, etc. Nothing in the way of flowers delights children more than **WILD GARDEN**, chiefly because they can be allowed to pick their own bouquets without stint. Sow in drills 2 feet apart, or even broadcast. Cover lightly and keep the soil from drying out until started. 2740 Our Extra Choice Mixture, large Pkt. 10c, ½ oz. 25c, oz. 45c, postpaid.

ANNUAL VINES AND CLIMBERS

ANTIGNON LEPTOPUS (Rosa de Montaña). P. One of the most elegant climbers. Native of Mexico. Pkt. 15c, postpaid.

BALSAM APPLE (Climbing). See Momordica Balsamina. Delicate foliage and yellow flowers. Pkt. 10c, postpaid.

CANARY BIRD FLOWER Delicate foliage and yellow flower. Pkt. 10c, postpaid.

CLEMATIS PANICULATA (Japanese Virgin's Bower). This is one of the best hardy climbers. The leaves are of a bright, glossy green, and when in bloom the plant is completely hidden beneath a blanket of white, hawthorn-scented blossoms; a grand plant for piazzas and fences; in fact, any position where a climber is wanted; does equally in sunshine and shade; unrivalled as a plant for the cemetery. Pkt. 10c, postpaid.

CLEMATIS MIXED Pkt. 10c, postpaid.

CYPRESS VINE Grows 15 to 20 feet tall. Delicate, fern-like foliage, and clusters of handsome, star-like flowers. Mixed. Pkt. 10c, oz. 50c, postpaid.

DOLICHOS (Australian Pea). P. Rose and purple; one of the best climbers for a hot, dry climate. Height 15 feet. Pkt. 10c, postpaid.

DOLICHOS (Hyacinth Bean). Easily grown annual, bearing a profusion of long spikes of pea-like blossoms. Lablab mixed. Pkt. 10c, postpaid.

ORNAMENTAL GOURDS Rapidly-growing and interesting plants, with ornamental foliage and curiously shaped fruit. 15 to 20 feet.

DIPPER-SHAPED, Pkt. 10c, postpaid.

NEST-EGG—White, egg-like fruits. Pkt. 10c, postpaid.

LUFFA—The fibrous inside of fruit can be used as sponges or dishrag. Pkt. 10c, postpaid.

HERCULES CLUB—The green fruit grows from 2 to 5 feet long. Pkt. 10c, postpaid.

MIXED VARIETIES—Includes all the above and many others. Large Mixed, Pkt. 10c, oz. 50c, postpaid; Small Mixed, Pkt. 10c, oz. 50c, postpaid.

HUMULUS JAPONICUS (Japanese Hop). Excellent for verandas, porches, etc. Dense foliage of light green color. Pkt. 10c, postpaid.

MOMORDICA BALSAMINA (The Balsam Apple). This grows 15 feet high. Ornamental foliage and curiously shaped orange-colored fruits. Pkt. 10c, oz. \$1.00, postpaid.

MOONFLOWER, LARGE-FLOWERING WHITE—

A most showy annual, with thousands of immense white flowers. Pkt. 10c, postpaid.

FLOWER SEEDS—Continued

STOCKS, TEN WEEKS

WHITE PERPETUAL (Princess, Alice, or Cut-and-Come-Again.)—Pure white sort, producing an endless number of double flower clusters. The flowers are delightfully fragrant and keep well after cutting. Pkt. 15c, postpaid.

LARGE-FLOWERING DWARF, MIXED Choice, double, large flowering. Pkt. 10c, postpaid.

SWEET WILLIAM

Dianthus Barbatus

Unsurpassed for massing beds or borders. Produce an abundance of richly colored flower heads throughout the season. Fine for cutting. 2 feet. Hardy perennial.

FINE DOUBLE MIXED Beautifully shaded and marked.

Pkt. 10c, postpaid.

FINE DOUBLE MIXED Splendid strain. All colors.

Pkt. 10c, postpaid.

VINCA

Madagascar Periwinkle

Splendid house and bedding plant, with dark, glossy green leaves. The circular flowers measure 1½ inches in diameter. Mixed Pkt. 10c, postpaid.

VIOLET

Violet Odorata

Well known, single, blue, fragrant flowers. They thrive best in deep, rich soil in a shady situation. Hardy perennial. Pkt. 10c, postpaid.

VERBENA

Among the best known and most easily grown annuals, making an excellent color display as bedding plants, or in window boxes.

PURE WHITE (See Foam). Large and sweet scented. Pkt. 10c, postpaid.

SCARLET Brilliant and fine for bedding. Pkt. 10c, postpaid.

PURPLE AND BLUE Pkt. 10c, postpaid.

PINK SHADES Mammoth flowers of lovely shades. Pkt. 10c, postpaid.

VERBENA HYBRIDA Richest colors and finest varieties. Mixed, Pkt. 10c, ½ oz. 75c, postpaid.

ZINNIA (Youth and Old Age)

The Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost.

DOUBLE GIANTS Pkt. 10c, oz. \$2.00, postpaid.



Annual Vines and Climbers—Continued

MORNING GLORY, IMPERIAL JAPANESE MIXED—

Foliage green, white, yellow and variegated. Colors of flowers range from soft rose to crimson, from daintiest blue to purple, from snow-white to gray. Pkt. 10c, postpaid.

MORNING GLORY, FINE MIXED This assortment contains a variety of colors of these old-fashioned flowers. Pkt. 10c, oz. \$1.00, postpaid.

MORNING GLORY MEXICAN BLUE Large Blue flowers measuring three inches across, best for the Southwest country. Pkt. 10c, ½ oz. \$1.00, postpaid.

SMILAX One of the most graceful tender perennial climbers, with small, glossy foliage. Highly valued by florists. Pkt. 10c, postpaid.

WILD CUCUMBER VINE These thrifty vines climb from 20 to 30 feet high in one season. White, fragrant flowers and prickly seed-pods. Pkt. 10c, postpaid.

FLOWER SEEDS—Continued

El Paso Seed Company's Finest Mixed Sweet Peas

Seed crops of Sweet Peas are very short this season, owing to very unfavorable weather conditions, and prices are higher than usual.

Every year this splendid mixture of sweet peas becomes more popular, and rightfully so. It's usually the case that sweet pea mixtures are made up from the inferior sorts, dull colors of any kind that the seedsman might have plenty of. Not so with our mixture. It is made up from 70 of the best varieties in existence. These being selected after careful observation of some 500 named sorts. Every one of these 70 varieties are grown separately under name. When these reach our warehouse the mixture is made, just the right quantity of each color and shade, going in to give the finest blending of colors to give a most pleasant assortment of shade, color and resistance to the hot sun. Sweet peas can be sown in September, October, January, February and March in rows where they can be brushed or run on wires. If long flowering period is desired, dig trenches about 12 inches deep—fill in about 6 inches with well rotted manure and top soil well mixed, plant seed on this and cover 2 to 3 inches. After seed comes up keep drawing in the earth until trench is filled level with the ground.

GRANDIFLORA LARGE-FLOWERING MIXED

From named varieties. Pkt. 10c, oz. 20c, ¼lb 50c, ½lb \$1.75, postpaid.

SPENCER TYPE SWEET PEAS This is a new race or type of sweet peas with extra large flowers, fully double the size of the older forms under good cultivation. Many of the Spencers have wavy and fluted edged petals, which with their rich coloring give an almost orchid like appearance. The Spencer type will not stand careless cultivation, but if you give them careful cultivation they will fully repay you for the extra trouble by their exceptional size and beauty. All colors, mixed. Pkt. 10c, oz. 35c, ¼lb \$1.00, ½lb \$3.50, postpaid.

SWEET PEAS

CULTURE Sweet Peas should be sown about three inches deep and require an abundance of water—but do not sprinkle the vine. Keep the flowers picked and do not allow them to run to seed or they will soon stop flowering.

The character of these flowers is of healthy and vigorous growth and quite distinct from the standard sorts. They are very large, measuring from 1 to 2½ inches across with large frilled and wavy standards. Three and four of these beautiful flowers are borne on one good long stem, making them unsurpassed for vases and other decorative flower work.

GROW EL PASO SEED CO.'S EXHIBITION VARIETIES OF THE FINEST IMPROVED

All Prices on Sweet Peas Postpaid.

Giant Spencer Sweet Peas

We recommend these for general outdoor growing throughout the United States, except in the extreme South, where Sweet Peas flower during the winter and where the Early-Flowering type gives best results. Many Sweet Pea lovers plant a short row of the Early-Flowering kinds to get the advantage of early blooms, but we recommend the Summer-Flowering Sweet Peas for your principal crop for outdoor planting during spring or fall.

WHITE KING WHITE Remarkable for the glistening purity of the whiteness and the perfect finish of the flower. Of truly gigantic proportions. Four flower on a stem. Pkt. 10c, ½oz. 25c, oz. 40c, ¼lb \$2.95.

LIGHT PINK ELFRIDA PEARSON The color is a lovely pink, buds and flowers tinted with salmon-pink. Pkt. 10c, ½oz. 25c, oz. 40c, ¼lb \$1.20.

CREAM-PINK MARGARET ATLEE A rich glowing pink on cream ground, softly suffused with salmon in the standard and pinkish rose or salmon wings. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

DEEP PINK HERCULES A magnificent soft rose-pink self. The standard frequently measures two and one-half inches in diameter. Of strong habit and free blooming. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

CERISE FIERY CROSS The standard is a scorching fire-red or rich orange-scarlet which scintillates and glitters in the bright sunlight with a glowing, fire-like sheen that radiates over the entire flower, including the rich, cheery-orange wings. Pkt. 10c, oz. 60c, ¼lb \$1.80, ½lb \$6.00.

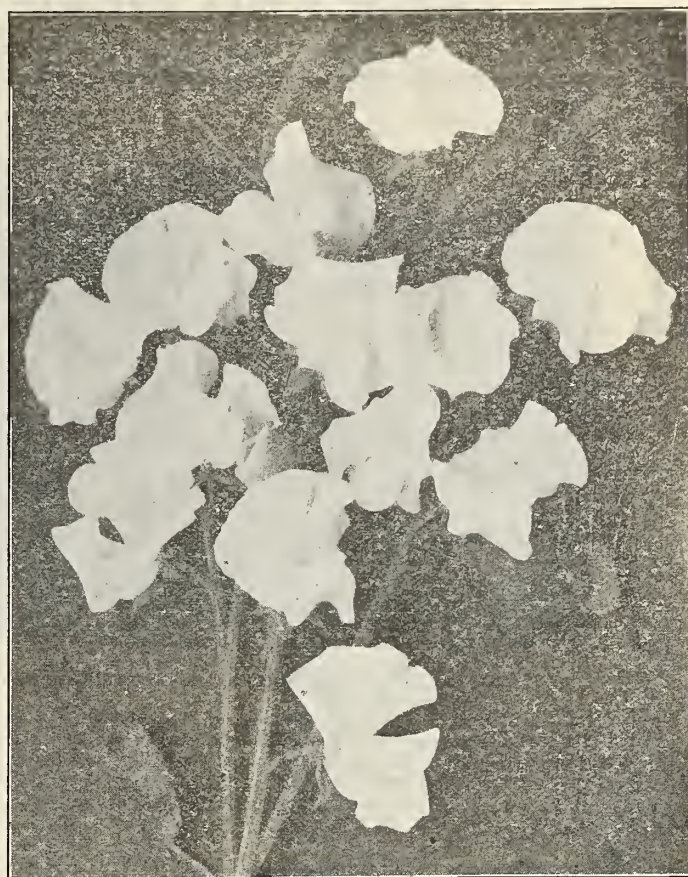
SINCERITY A unique, pleasing shade of bright, glowing cerise. The large flowers are produced four on a stem. A strong grower and free bloomer. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

ILLUMINATOR Growing cerise-salmon with an indication of bright orange. Under artificial light, the flowers appear to be a glowing orange-scarlet. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

ROSE GEORGE HERBERT The flowers are a most magnificent rich, rosy carmine. The blooms are large, well waved, and carried three or four strong stem. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

SALMON BARBARA A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Requires shading against strong sun. Pkt. 15c, ½oz. 50c, oz. 75c, ¼lb \$2.50.

STIRLING STENT The color is rich, glowing, deep salmon self, suffused with orange. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.



GIANT KING WHITE SPENCER

ORANGE ROBERT SYDENHAM A magnificent glowing orange self. The large flowers are usually produced four on a stem, well placed and beautifully waved. Requires slight shading to preserve the brilliant deep orange color. Pkt. 15c, ½oz. 50c, oz. 80c, ¼lb \$2.65.

HELEN LEWIS Orange-rose wings and intense rich, crimson-orange standard. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

CRIMSON KING EDWARD Deep rich crimson; a strong and beautiful color. Does not fade or scorch. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

LAVENDER FLORENCE NIGHTINGALE A soft, clear, rich lavender, enlivened by a faint sheen of rose-pink. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

ASTA OHN. Lavender, tinted mauve. Pkt. 10c, oz. 40c, ¼lb \$1.20.

BLUE MRS. TOM JONES Bright blue. Pkt. 10c, oz. \$1.00.

WEDGWOOD A very fine blue and a leader in its class. Free blooming and of strong growth. Pkt. 10c, oz. 60c, ¼lb \$1.80, ½lb \$6.00.

PURPLE ROYAL PURPLE The color is rich, warm purple, the younger flowers having a slightly softer color tone. Pkt. 10c, oz. 40c, ¼lb \$1.20, ½lb \$4.00.

MAROON KING MANOEL A giant-flowered maroon or deep chocolate-colored variety that is sure to please all who admire rich shades. Pkt. 10c, ½oz. 25c, oz. 40c, ¼lb \$1.20.

STIM-U-PLANT

THE MOST MODERN, EFFICIENT AND SCIENTIFIC METHOD OF FERTILIZING GROWING PLANTS

As every kind of plant grows in the garden, orchard and farm, feed it along with Stim-U-Plant tablets. These tablets contain highly-concentrated, immediately-available forms of plant food for use in stimulating fruit, flower, vegetable and ornamental plants, and may be used in liquid or tablet form.

STIM-U-PLANT TABLETS

TRIAL SIZE	POSTPAID SMALL SIZE	MEDIUM SIZE
10 Tablets 25c.	30 Tablets 50c.	100 Tablets \$1.00

FARM AND FIELD SEED DEPARTMENT

PRICES SUBJECT TO FLUCTUATION



A MAGNIFICENT ALFALFA CROP, GROWN FROM EL P. S. CO.'S RE-CLEANED SEED.

Particular attention is given to this part of our business. These seeds are selected with special reference to quality. Every exertion made to furnish Grass and Field Seeds, fresh, pure, and free from noxious and foreign seeds. Our White Clover, Sweet Clover, Kentucky Blue Grass, Bermuda, Alfalfa, etc., are all re-cleaned by best machinery, to make them choice.

We cannot print prices on large quantities, as they are subject to variations, but purchasers may depend on getting them at prices ruling that date.

Market prices of the day or special prices on large lots cheerfully given on application. Express or freight charges always to be paid by the purchaser, except if sufficient money is sent to prepay them.

WE ARE HEADQUARTERS IN EL PASO FOR ALFALFA, CLOVER, AND GRASS SEEDS

ALFALFA - THE GOLDEN HAY CROP

THE KIND OF ALFALFA THAT YOU SHOULD PLANT

Many people who start with Alfalfa think that all that is necessary is to get most any kind of seed and plant it like they would sorghum and often wonder why they have not made a success of it. We have had years of experience in growing Alfalfa Seed and know the varieties of seed best adapted to this section of the country. The secret in growing Alfalfa is to have a thoroughly prepared seed bed. Alfalfa is permanent if it gets the right kind of a start, the roots grow 30 to 50 feet long. It is, therefore, very important that the seed bed be thoroughly prepared so that these roots can get well established and once they are you will not have any trouble growing Alfalfa if your land is suited for it.

The secret of success with Alfalfa is the correct way of sowing it. Ground should be well prepared, thoroughly pulverized and so located that at no time will water stand. Do not plant on exhausted land. Sow broadcast with a Cyclone or Cahoon Seeder.

ABOUT SEED—We make a specialty of Alfalfa Seed and usually carry from 50,000 to 150,000 pounds in stock. We have all our Alfalfa Seed tested for purity and are always glad to submit samples of Alfalfa Seed to intending purchasers, together with prices. There is a great deal of Alfalfa Seed at low prices, which is usually full of weeds, dead seeds that

will not grow, or second-grade small seed that is taken out from the seed that has been re-cleaned.

Second-grade seed, small seed, may not have many weed seeds in it, but, being a second-grade, small seed, it naturally cannot be expected to give as good results as the best quality, that has large, plump grains which are full of vitality. Therefore, they will really cost more than the best seed at a higher price. Very often seed that is sold at 15 cents per pound costs the farmer more, on account of weeds and dead seed that are worth nothing, than if he had paid 30 cents per pound for the best seed. Every farmer ought to send to the Department of Agriculture, Washington, D. C., and get their bulletin on Alfalfa Seed; it is free.

Sow fifteen pounds of fancy, or twenty-five to thirty pounds of cheaper grades per acre. Sow in September, October, November, or February, March and April.

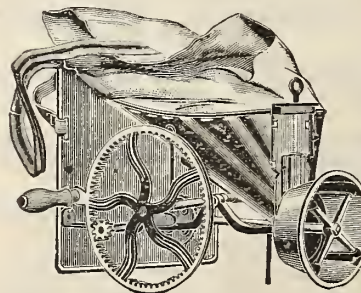
FANCY SEED—40c. postpaid Special prices on large lots.

FANCY NON-IRRIGATED SEED—Pound 40c, postpaid. Write for prices on large lots.

HAIRY PERUVIAN—40c lb, postpaid.



A machine of very simple construction. This seeder will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Millet, Alfalfa, Grass Seeds, etc. It can be very easily adjusted to suit the seed being sown. We sell a world of them every year, and our customers say they give good satisfaction. Price, \$2.75 each, customer paying transportation charges. Mailing weight, 4 lbs.



Cahoon Seeder

Larger in size than the Cyclone, and will distribute the seed over a larger area. This is undoubtedly the finest seeder on the market. We personally recommend it to our customers, and know that it will do the work. One of these machines will last a lifetime. It will seed evenly 4 to 6 acres an hour. It will scatter the following distances: Wheat, barley, rye, oats, 25 feet; alfalfa, 18 to 20 feet. The bag and hopper hold about 22 qts. of seed. Price, each, \$6.50 Mailing weight, 9 lbs. Not prepaid.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

NATIVE AND NORTHERN GROWN SEED CORN

CHOICEST FIELD AND FARM SEEDS

Semillas de Plantas Forrajerías
Write for prices on quantities

SEED CORN

SELECTED SEED CORN FOR THE SOUTHWEST. SAMPLES MAILED ON REQUEST

By far the most important question that comes before the farmer each year is the selection of his Seed Corn. We realize this, and it has been our purpose for years to aid him in this particular matter. It is very gratifying to know that we are succeeding, as is shown by hundreds of letters we receive annually from our customers, bearing voluntary evidence to this effect. Knowing how important it is to supply only the best in this line, we have spared no effort to secure the most valuable varieties grown, which have been tried and proven to be what is claimed. The farmer has the benefit of our experience and we know his best interests are ours also. Our Seed Corn is carefully selected by our growers, who are experts in this line, and can be relied upon to give the best possible results. The United States Department of Agriculture says in its recently issued year-book that "properly grown and selected Seed Corn will often grow fifteen bushels more per acre than unselected corn," and this statement is based on tests carried on a large scale, covering a great length of time.

Native Grown Mexican
June Corn

Our Native June Corn has been produced originally from seed imported from Central Mexico. The stalks under favorable conditions grow from 7 to 8 feet high, and yields average from 30 to 60 bushels per acre. For best results it should be planted during the months of June and July. Of a strong growth, it sends its roots deep into the soil, enabling it to resist drouth and hot summer winds better than any other sort.

Qt. 30c, postpaid; by freight or express, at buyer's expense, qt. 20c, pk. \$1.25.

REID'S YELLOW DENT

Grains are of light golden yellow color, and the ears are of perfect shape. They average from 9 to 12 inches in length and 7 to 8 inches in circumference. The cobs are of medium size, and are completely covered with splendid, deep kernels, which are moderately dented. This Corn is easy to husk and easily shelled, although the kernels adhere firmly to the cob. As perfect a type as can be had, and desirable in every respect.

Qt. 30c, postpaid; by freight or express, at buyer's expense, qt. 20c, pk. \$1.25.

HICKORY KING

This Corn comes nearest being all corn and no cob than any other, the corn being so large and the cob so small that if you break an ear in two, one grain will cover the cob. It is early. The ears, from 7 to 9 inches in length, are generally borne two to four ears per stalk, making it very productive. It makes a beautiful roasting ear, is highly desirable where a pure white corn is wanted for meal.

Qt. 30c, postpaid; by freight or express, at buyer's expense, qt. 20c, pk. \$1.25.

EL PASO WHITE WONDER

Six years ago we crossed the Mexican June Corn with the Oklahoma White Wonder and Plima Indian Corn, making a large, early corn adapted to our Southwest country.

After trying many varieties of corn, we find that the El Paso White Wonder gives the best satisfaction in yield and quality. It ripens at the same time as the earliest varieties, and is the only large-eared corn that we know of that ripens so soon. Being a luxuriant and rapid grower, it shades the ground early in the season, thus conserving the moisture and enabling the corn to withstand the drouth. In selecting the ears for seed we have chosen them from stalks having broad leaves and short, heavy joints, until this has become a fixed characteristic of the "El Paso White Wonder."

Qt. 30c, postpaid; by freight or express, at buyer's expense, qt. 20c, pk. \$1.25.

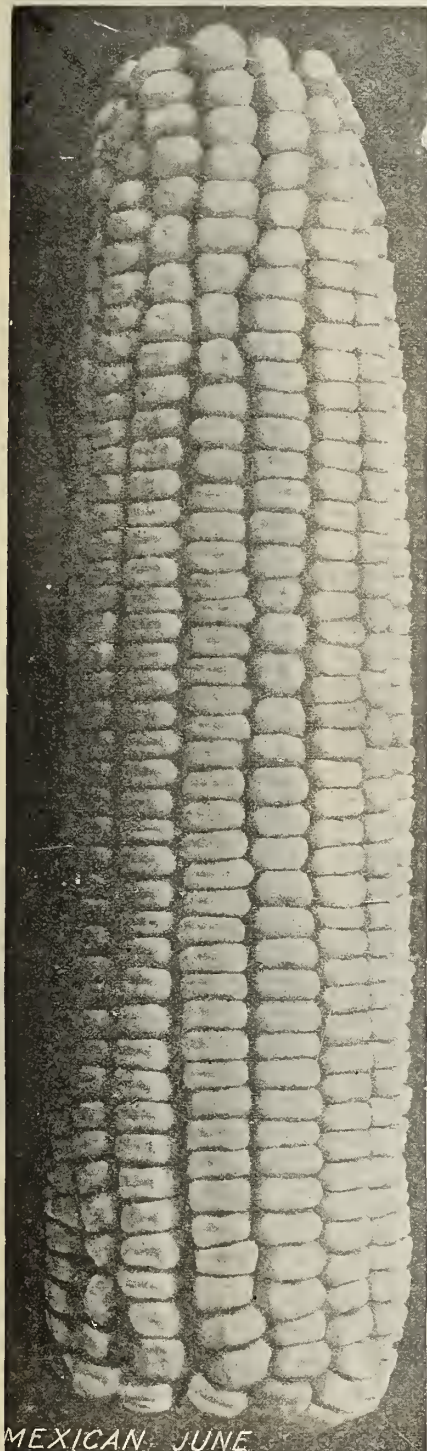
CHISHOLM

As a Milling Corn it has no equal. It is a very attractive, strictly native-bred variety. It is attractive because of its sound, large, creamy-white, oily grains, that completely cover a bright-red cob. The ears are large sized in favorable seasons, but if by chance the season makes them small, even the nubbins will show attractive, well-matured grains, with a large germ. The ears are stocky, not slender, and usually covered over at the tips by heavy, close fitting shucks that give an excellent protection against weevils.

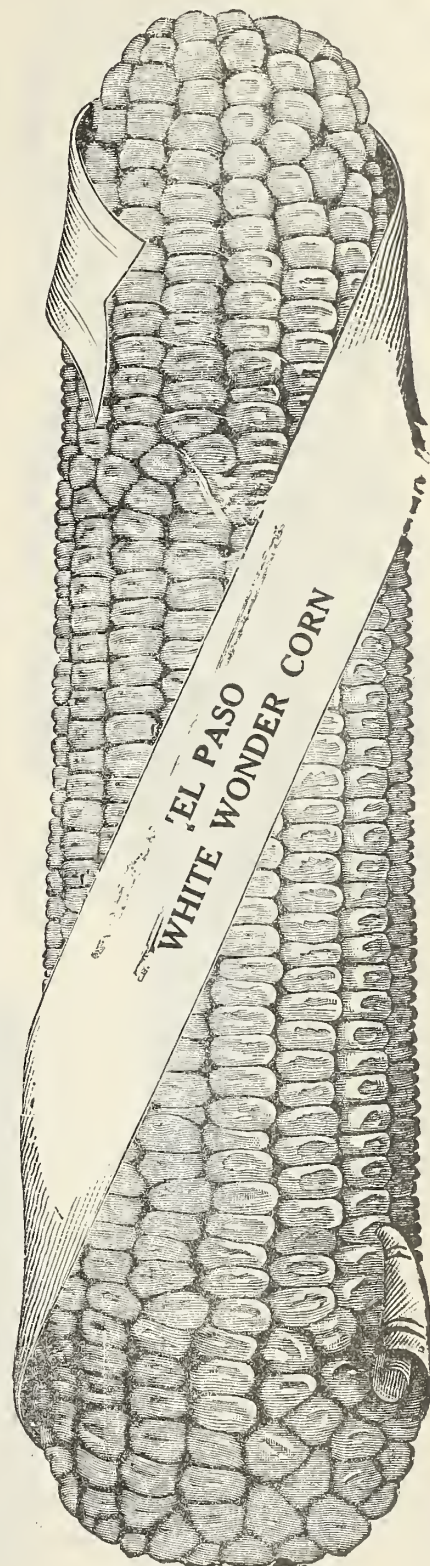
IT IS A MEDIUM EARLY CORN,

maturing in 115 to 125 days. The ears are usually 7 to 9 inches long and about the same in circumference. They usually have 11 rows of grains, ranging from 12 to 16 rows, with 45 to 55 grains to the row.

Qt. 30c, postpaid. Write for price on large quantities.



MEXICAN JUNE



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Native and Northern Grown Seed Corn

(Continued)

SURECROPPER is an early, quick maturing, drouth-resisting variety. It makes roasting ears in 53 to 65 days, and usually requires only 105 to 120 days to mature, counting from planting to browning of the shucks. It is two weeks earlier than common native corn. It is early, like Northern corn, but has a great advantage in its drouth-resisting qualities. It usually yields more than twice as much as Northern varieties.

IT IS AN "EARLY" CORN for spring planting or a "quick maturing" corn for summer planting on stubble lands or potato lands, or where cotton has been killed out. Its many good qualities have made it widely popular. It is not only especially well suited for all uplands in Texas and Oklahoma, but has proven to be a good yielder in central and northern Louisiana and on up into northern Arkansas. It has produced some splendid corn in southern Kansas and Missouri, and unusually favorable comparisons comes from Arizona and California. On the lighter, sandy corn lands, in Eastern Texas, Central Oklahoma and Arkansas, it is proving very satisfactory, and is now widely grown.

ITS GENERAL USE is being widely extended. There are thousands of farmers in Western Texas, in the Panhandle and on up into New Mexico, who advise that its early maturing and drouth-resisting qualities make it their best yielder. It long ago established a record for high yields throughout Southwest Texas. Several times it has made the highest yield in the many varieties included in the tests at San Antonio Experiment Farms. A larger acreage is being planted throughout the Texas corn belt each year, as its good qualities become more widely known. That is the best thing we can say of it.

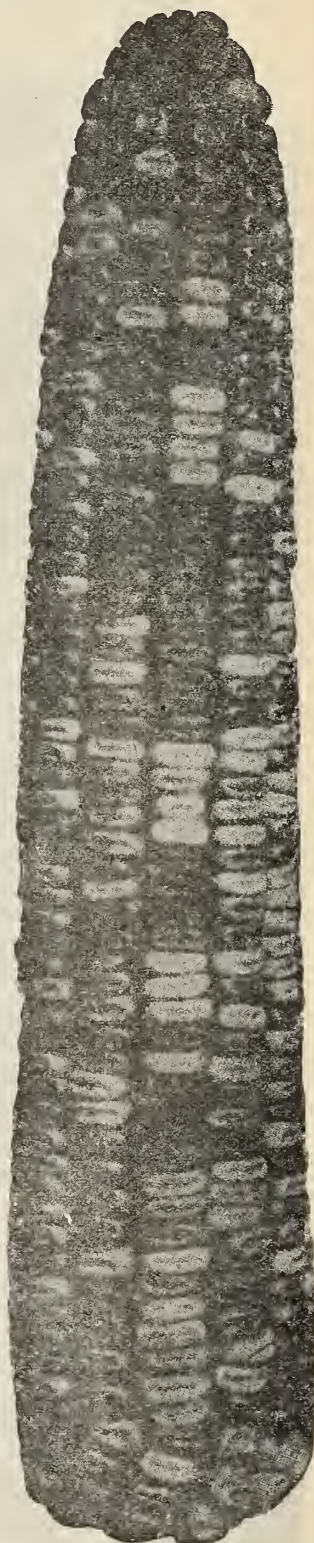
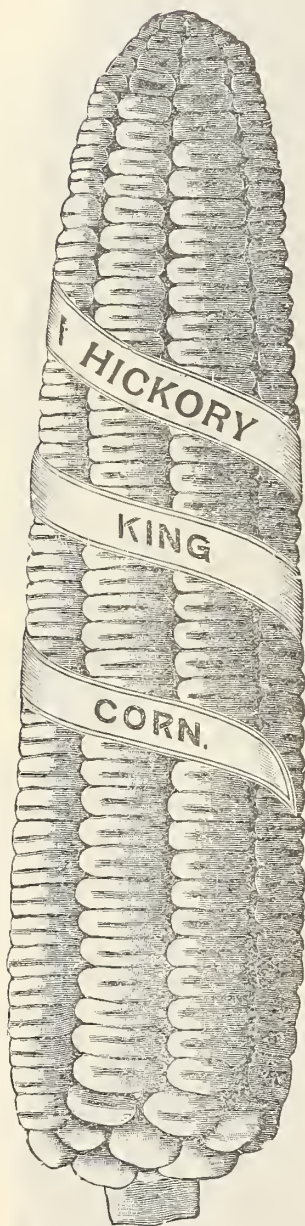
Qt. 30c, postpaid. Write for prices on large quantities.

IMPROVED INDIAN SQUAW CORN Opens a new era of profitable corn growing throughout the country. More good points combined in this corn than any other in cultivation. We have had an enormous sale for this variety; in fact, we have never been able so far to supply the demand. We expect this year to have a bigger demand than ever and we believe it will take the place of the Mexican June Corn. Just the thing to plant in June and July, after the grain crop has been harvested. We give below description extracted from the history of this corn as given by Miller Brothers: "Originated by us a few years ago, we consider this the highest bred Corn in existence. It certainly combines more solid merits than any other variety in cultivation. It is a natural drouth-resisting, dry weather Corn. In yield, color, size of grains, amount of fodder and extreme fine quality of the latter, it surpasses anything we have ever grown. As it is a soft Corn, it is greatly relished by all kinds of stock. The ears grow from 10 to 12 inches long, and carry from ten to twenty-four rows of plump grains. The grains present a combination of colors; some are red, others yellow, some blue, and some white. It is really a most attractive Corn, either on the cob or shelled, in the crib or in the bag." The improved Indian Squaw corn. It is ready to gather eighty-five days after the seed is planted. Planted after wheat was harvested in July, it made a fine crop. We cannot too strongly recommend this Corn, which opens a new era of prolific corn-growing, particularly in the Southwest.

Qt. 30c, postpaid. Write for prices on quantity.

HICKORY KING This Corn comes nearest being all corn and no cob than any other, the corn being so large and the cob so small that if you break an ear in two, one grain will cover the cob. It is early. The ears, from 7 to 9 inches in length, are generally borne two to four ears per stalk, making it very productive. It makes a beautiful roasting ear, is highly desirable where a pure white corn is wanted for meal.

Qt. 30c, postpaid. Write for prices on quantity.



IMPROVED SQUAW CORN,
ONLY ¾ ACTUAL SIZE

SPECIAL PRICES— We are in a position to quote the closest prices on quantity orders of any kind of Field Seed, and we invite farmers who plant such things as Mangel Beets or Stock Carrots for feedings, or use large quantities of Cane Seed, Kaffir Corn, Milo Maize, Egyptian Wheat, Barley, Rye, Alfalfa Seed, Cow Peas, Bermuda Grass, Field Corn and Feterita, to ask for prices. See Field Seed Department.

SWEET CLOVER

A RICH CROP FOR POOR SOILS. FOR MANY YEARS A DESPISED WEED BUT NOW A VALUABLE FARM CROP.



WHITE SWEET CLOVER CUT FOR HAY

Stock often refuse to eat Sweet Clover at first, but they can easily be led to develop a taste for it by sprinkling it with brine when the stock is salt-hungry.

Mr. G. P. Holden, of the International Harvester Company, recommends it for the following reasons:

1. It is not a weed.
2. Like Alfalfa it is rich in protein.
3. It will not bloat cattle or sheep.
4. Equal to Alfalfa for pasture.
5. It is a great milk producer.
6. Furnishes early spring pasture.
7. Fits well in crop rotation.
8. Is a great soil enricher.
9. Valuable crop for honey bees.
10. Prepares soil for Alfalfa.
11. Roots are soft and gives no trouble in plowing.
12. Roots being tender become inoculated more readily than Alfalfa.
13. Never damages cultivated crops.
14. Its roots decay rapidly, adding much nitrogen and humus.
15. Grows and will produce a crop in all parts of the United States.
16. Seeds freely in both humid and dry sections.
17. Will grow under conditions where Clover and Alfalfa fail.

(a) On land too low, too wet, or too alkali for Alfalfa.

(b) On land too hard and compact for Alfalfa.

(c) On soil too poor for Alfalfa, especially where there is no lime.

SCARIFIED SWEET CLOVER

Sweet Clover seed has a very hard shell, and for this reason it has been difficult to get good stands of this variety. We have a scarifying machine which scratches the seed coat just enough to permit seed to absorb moisture and sprout readily.

Sow our scarified Sweet Clover seed and you will get a good stand and a very profitable crop.

We have both the White Blossom Sweet Clover and the Biennial Yellow Blossom Sweet Clover.

For turning under plant the Yellow Blossom Sweet Clover. For hay and feeding, plant the White Blossom Sweet Clover.

Price—Yellow Blossom Sweet Clover 1lb 50c, postpaid.

—Not prepaid 25 lbs. \$6.00, 50 lbs. \$11.00, 100 lbs. \$21.00.

Price—White Blossom Sweet Clover 1lb 45c, postpaid.

—Not prepaid 25 lbs. \$4.50, 50 lbs. \$8.00, 100 lbs. \$15.00.

JAPANESE HONEY DRIP CANE

About six years ago we introduced the Japanese Honey Drip Cane, which without doubt is the most wonderful cane ever put upon the market. It thrives from the Panama Canal to Canada, from reports of people we have sold in these different districts of this seed. We recommend it very highly for planting anywhere where people want a big growth for ensilage or silage, syrup making, or where it is sown thick for

You have no doubt seen Sweet Clover growing along the roadsides, on rocky slopes, and other barren places, and have wondered at the extreme hardness of this plant. If you have a piece of ground that is not good enough for Alfalfa or other crops, you should sow it to Sweet Clover. This will not only make a good crop of hay or furnish good pasture, but will also enrich the soil on which it is growing.

Sweet Clover is a biennial, but if left to go to seed at the end of the second year it will reseed itself. It should be sown either in the fall or early spring at the rate of from 15 to 20 lbs. to the acre on a well-prepared but firm seed-bed.



GOLDEN BEAUTY—TEXAS

RED RUST-PROOF OATS

A thoroughbred Texas Red Oat selected from best stock of Red Rust-proof Oats. These oats afford excellent winter grazing for stock and make heavy and abundant crops of finest grain in the Spring. The seeds are large, plump and heavy, often weighing forty pounds per measured bushel. Average yields of sixty-five bushels per acre are quite frequent, and on good soil, under favorable conditions, one hundred bushels per acre have been obtained. This oat is adapted to a great variety of soil and has never failed to yield crops in this Southwest country. This variety is without doubt the best for this section. Write for prices.

hay purposes. We have hundreds of letters of recommendation on this Japanese Honey Drip Cane from all over the world and you do not need to hesitate planting same. It even thrives on the desert where there is practically no rain-fall and no irrigation.

The stalks grow from 12 to 14 ft. high. Cut with the foliage on and put in silo; it makes the finest ensilage for all kinds of stock. The yield of molasses is from 250 to 350 gallons per acre, it will always be planted, either for forage, ensilage or syrup. Cultivate the same as for Sorghum. Plant in April, May, June, in rows 3½ ft. apart. Six to eight pounds of seed will plant an acre if planted in drills. Price, 1 lb 25c, prepaid. Write for price on large quantities.



View of our Japanese Honey Drip Cane, grown for seed in the Rio Grande Valley. Best Cane for ensilage and Syrup.

MONEY SAVING CROPS FOR YOU

Write for prices on quantities.

Farmers are realizing more and more the importance of this class of plants and more attention is given them every year. Ground which, owing to failure of first plantings, would lie idle a whole season, can easily be made to yield profitable crops by planting one or the other of the varieties described below.

We are recognized headquarters for all kinds of field seeds and forage crops and sell thousands of bushels of Alfalfa, Milo Maize, Kafir Corn, Millet, Sorghums, etc., every year. We are glad to state that our efforts to supply choicest quality of only best varieties are appreciated by Southwestern planters, and we assure both old and prospective customers a continuance of our endeavors in this direction.

Non-Saccharine and Saccharine Sorghums

These will succeed in the dryest season. In weight of grain, they make more than the same land will in corn. They are enormous yielders of dry forage, and cost less to harvest than corn fodder alone. Cultivate the same as corn. When the seeds begin to glaze, cut and put into shocks, sixteen rows apart. After being well cured, stack it like ordinary corn fodder, or let it stand in the field until ready for use. The seeds may be threshed by running the stalks through a threshing machine, from which all but one row of the concave teeth have been removed.

ALL PRICES SUBJECT TO MARKET CHANGES

Write for prices on large quantities.

DWARF BLACK HULL WHITE KAFFIR There has been a constant demand during the last few seasons for Dwarf Kaffir Corn. This Dwarf Kaffir Corn can be harvested with a header and can also get along with considerable less moisture. Lb. 20c, postpaid. Write for price on large quantities.

RED KAFFIR CORN Grows taller than the white; stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and hard and brittle. Ripen earlier than that of the white, and yields much heavier. Lb. 20c, postpaid.

EGYPTIAN WHEAT OR SHALLU It will stand more wet or dry weather than maize or cane. We don't believe there is such a thing as failure with it. Plant in drills 3 feet apart, using 10 pounds of seed per acre, or broadcast, using from two to four bushels. Lb. 25c, postpaid.

JERUSALEM CORN The grains are pure white and nearly flat. Three pounds will plant an acre. Lb. 25c, postpaid; by freight or express, not prepaid, lb 15c.



DWARF BLACK HULL WHITE
KAFFIR CORN

SORGHUMS -- Sugar Cane

One of the most profitable hay crops in the Southwest. Nothing produces more wholesome hay. May be sown any time from March to August, depending on the locality. Two cuttings can always be made, and sometimes three or more. For hay, sow broadcast at the rate of 100 to 150 pounds per acre. Sow thickly so as to make the hay fine. If planted in drills, one peck to one-half bushel per acre will be sufficient.



EGYPTIAN WHEAT

SORGHUMS—Sugar Cane

EARLY ORANGE With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. Lb. 20c, postpaid.

EARLY AMBER The earliest type in cultivation. Black hulled, stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. Lb. 20c, postpaid. Write for prices on large quantities.

RED TOP AFRICAN, OR SUMAC CANE Grown very extensively in the Panhandle of Texas. Seed is much smaller than that of Orange or Amber. Very sweet, and one of the best for hay. Lb. 20c, postpaid. Write for prices on large quantities.

TEXAS SEEDS RIBBON CANE This is a very strong, tall growing variety, noted for the immense quantities of finest syrup which it produces. It has yielded from 300 to 400 gallons of molasses per acre. The strong, leafy stalks make excellent forage. Plant in rows, 3½ feet apart, 8 to 10 pounds to the acre. Lb. 25c, postpaid; not prepaid, lb 15c. Write for prices on larger quantities.

GOOSE NECK RIBBON CANE The superiority of this cane over Sorghum is so great that when once grown it will always be planted, either for forage, ensilage or syrup. Lb. 25c, postpaid.

JAPANESE CANE The stalks grow from 12 to 14 feet high. Cut with the foliage on and put in silo; it makes the finest ensilage for all kinds of stock. The yield of molasses is from 250 to 350 gallons per acre. It will always be planted, either for forage, ensilage or syrup. Plant in April or May, in rows 3½ feet apart. Six to eight pounds of seed will plant an acre if planted in drills, and cultivate the same as for Sorghum. Price, pound 25c, prepaid. Write for prices on large quantities.

FETERITA

We know of several instances where kaffir corn and maize were planted alongside of Feterita; it was immediately noticed that Feterita was a far better drouth-resister; in fact, in a good many instances, kaffir corn and milo were entirely wiped out by the drouth and made nothing at all, not even forage. It is about 35 days earlier than kaffir corn. Lb. 25c, postpaid. Write for prices on large quantities.

MILO MAIZE

DWARF YELLOW A sure dry weather crop. Has yielded as high as seventy-five bushels per acre. Stalks 4 to 6 feet high, with many juicy leaves and splendid heads. May be cut with a binder and cleashed like wheat. Requires shallow planting and shallow cultivation. Recleaned seed. Lb. 20c, postpaid. Write for prices on large quantities.

WHITE MILO MAIZE Our supply of seed is very limited this year, and we offer as long as it lasts at the following low introductory prices: Lb. 25c, postpaid.

BROOM CORN

IMPROVED EVERGREEN Grows about 8 to 10 feet high. Stands up well and is entirely free from crooked brush. The fibre is long and fine. Lb. 35c, postpaid.

DWARF Grows 4 to 5 feet high and makes straw of finest quality. Lb. 35c, postpaid. Write for prices on large quantities.

CHOICEST FIELD AND FARM SEEDS

EARLY BART WHEAT The best fall wheat for the Rio Grande Valley. After many years spent in efforts to secure a good milling wheat for planters in this valley, we have concluded that there is nothing to compare with the Early Bart. This wheat had its origin in the high lands of Southern Arizona, where it has been planted for years and there has never been a crop failure. The grain is rich golden in color, large size and superior in every way to the Turkey Red. It is strongly recommended by the leading millers of the Southwest and commands the highest market price. Our seed is the very best procurable, re-cleaned by us, and the field from which the seed was grown produced an average of 60 bushels to the acre. Write for prices.

SONORA WHEAT This is one of the greatest wheats for the dry lands. First, because it requires very little moisture; second, it matures in less time than any other variety, being ready for cutting before the extremely hot weather arrives; third because it is very desirable, the grains being plump and soft and not hard like the Macaroni Wheat. Write for prices.

Oats

TEXAS RED RUST-PROOF OATS A thoroughbred Texas Red Oat selected from best stock of Red Rust-proof Oats. These oats afford excellent winter grazing for stock and make heavy and abundant crops of finest grain in the Spring. The seeds are large, plump and heavy, often weighing forty pounds per measured bushel. Average yields of sixty-five bushels per acre are quite frequent, and on good soil, under favorable conditions, one hundred bushels per acre have been obtained. This oat is adapted to a great variety of soils and has never failed to yield crops in this Southwestern country. This variety is without doubt the best for this section. Write for prices.

Rye

FALL OR WINTER RYE It is a good crop for early fall or spring pastures, as it keeps green a long time in the fall, and starts growing again as soon as the weather gets a little warm. Does well on any kind of soil. There is always a good market for fall rye for seeding purposes. Write for prices.

Barley

BEARDLESS The earliest Barley in cultivation. Grows about as high as common barley but has stiffer straw, which enables it to stand up well. Yields immensely. On good soil it has produced eighty bushels to the acre. The most popular variety planted in this section. Write for prices.

Speltz or Emmer

It is neither wheat, rye, nor barley, and yet it appears to be a combination of these. It is more like wheat than any of the others mentioned. For fattening cattle, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains, in fact, all kinds of animals seem to thrive on it. Speltz is claimed to be ahead of corn, superior to oats and more profitable than wheat. Yields 80 to 100 bushels of grain and as much as four tons of good hay to the acre. Excellent for pasture and can be fed in the green state. As green grass hay food it often gives 100 leafy stalks from one seed, which shows its heavy stooling properties. The heads are somewhat similar to two-rowed barley, the spikelets being separated from each other in such a manner that the crop is not easily injured by the weather. Will grow well and produce enormous crops on land where wheat will grow. Plant either in fall or spring. Plant same amount as barley per acre. Write for prices.

MILLETS

The best time to plant Millet is from April to August. The ground should be thoroughly broken and made smooth with harrow, or by rolling the land. For hay it should be cut while the seed is in the milk, as when the seed matures it is not good for stock. It is easily cured, requiring only one day's sun to put into condition. Two crops can be grown on the same ground if desired.

FANCY BIG LIBERTY The seed we offer is first-class quality and will give our customers the best satisfaction. Lb. 20c, postpaid. Write for prices on large quantities.

STANDARD LIST OF MILLETS

PEARL MILLET—Lb. 35c, postpaid.
JAPANESE BARNYARD—Lb. 25c, postpaid.

LAWN GRASS SEED

N. B.—Prices on half pound and one pound include postage or expressage prepaid. When sent otherwise, deduct ten cents per pound or fraction thereof.

KENTUCKY BLUE GRASS The seed we offer is extra fancy re-cleaned seed, the finest and purest grade obtainable anywhere. Lb. \$1.00, postpaid.

WHITE CLOVER Our seed is strictly first-class, absolutely clean and pure and of the highest quality. Lb. \$1.00, postpaid.

AUSTRALIAN, OR PERENNIAL RYE GRASS

An extremely hardy sort, requiring less fertile soil and withstanding more hardships. Used extensively in Arizona, and becoming very popular in New Mexico and Texas. Will not stand the summer heat. planted in the fall makes a splendid winter grass. Lb. 50c, postpaid; 10 lbs. \$4.00, by freight or express, not prepaid.

NOTE.—We strongly recommend, in order to obtain a hardy and healthy lawn, that you use a mixture of blue grass and white clover. Where there is no preference in the matter, we advise a mixture of two-thirds blue grass and one-third white clover.

PACEY'S SHORT SEEDED PERENNIAL RYE Specially suited for fine lawn mixture, extensively used on the beautiful lawns in England. Lb. 50c, postpaid.

BERMUDA GRASS (Cynodon dactylon). One of the most valuable grasses for pasture and hay in the Southwest, where it will stand indefinitely if plowed and harrowed in the spring once every four or five years. Bermuda grass has generally been established by the planting of roots. However, it is just as easy and cheaper to get a good stand if good seed is sown. Sow from March to July at the rate of ten pounds per acre. Do not cover more than half an inch deep. Best grade of new crop seed, thoroughly re-cleaned. Lb. \$1.00, postpaid; by freight or express, not prepaid, 10 lbs. \$8.00.

COW PEAS

WHIPPOORWILL Has brown speckled seed; easily gathered on account of the upright, bushy growth of the plants. A great favorite on account of its early maturity. Lb. 25c, postpaid.

LARGE BLACK-EYE The dry peas, which are produced in large quantities, find a ready sale during the winter. Vines furnish excellent forage. Lb. 35c, postpaid.

PEANUTS

SPANISH The earliest, but the smallest variety grown. The nuts are solid and well filled, yielding large quantities per acre. The best sort for fattening hogs. Lb. 30c, postpaid.

VIRGINIA IMPROVED A very profitable sort, planted almost exclusively in the peanut growing section of Virginia. It is the standard variety for roasting. The plants have erect stems with upright foliage and are easily grown. The nuts are of good size and contain remarkably large kernels. The vines furnish excellent forage. Lb. 35c, postpaid.

TENNESSEE RED The finest variety grown, especially adapted to black, waxy land, as well as sandy soil. The nuts contain three large kernels each, and are enormously productive. Lb. 35c, postpaid.

SUDAN GRASS While Sudan Grass will grow in almost any soil or climate, it is especially adapted to the arid and semi-arid regions of the Southwest. Planting for hay should be done broadcast, using about 8 pounds of seed to the acre, or if grown for seed purposes the rate should be 3½ pounds in rows 3½ feet apart, and intertilled as cotton and corn. Planting time is usually for the latitude of El Paso, about May 15. The yield of Sudan hay is from 8 to 12 tons to the acre, and the quantity of seed when grown for the latter purpose, under normal conditions, is from 25 to 30 bushels. 50c per lb, postpaid.

WHITE BOKHARA, OR SWEET CLOVER Sweet Clover resembles alfalfa in appearance, habits of growth and food content or nutritive value, which, together with their similarity in origin and history, as well as having on the roots the same species of nitrogen-gathering bacteria, would almost lead one to believe that Sweet Clover and Alfalfa are first cousins. It is a very hardy clover, makes a rank growth of stems, leaves and roots, and is not a pest, but easily eradicated by ploughing. It does remarkably well in the South, and can be planted during the fall and spring months in anticipation of its yielding a very good crop. It seeds itself; adapted to all soils; withstands the cold winters and hot summers to a remarkable extent. Horses, cattle, sheep, hogs and poultry feed upon and relish Sweet Clover. For feed or forage can be put when young, for when it gets old cattle do not relish it. Sow at the rate of 20 lbs. to the acre. Plant during February and March for spring planting, or in August, September or October for fall planting. Lb. 45c, postpaid. Write for prices on large quantities.

RAPE

DWARF ESSEX This crop is very highly recommended for pasture for sheep and cattle, furnishing most rich nutritious pasture within six to eight weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. It also makes splendid green feed for poultry. Rape is best sown in drills, at the rate of three to five pounds per acre, or it can be sown broadcast, when from six to eight pounds should be used. Lb. 35c, postpaid.

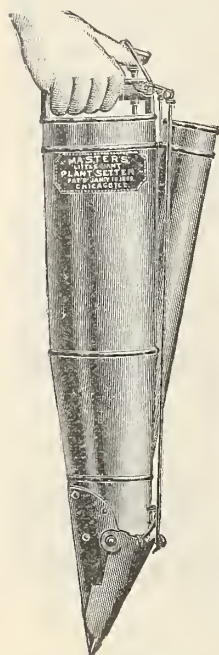
MISCELLANEOUS FARM SEEDS

CHUFAS—Lb. 40c, postpaid.
MAMMOTH RUSSIAN SUNFLOWER—Lb. 50c, postpaid.
JAPANESE BUCKWHEAT—Lb. 35c, postpaid.

Write for Prices on Any of the Above Seed Where Wanted in Large Quantities.

FARM AND GARDEN SUPPLIES

ALL FARM AND GARDEN SUPPLIES F. O. B. EL PASO, UNLESS OTHERWISE NOTED



Master's
Plant Setter

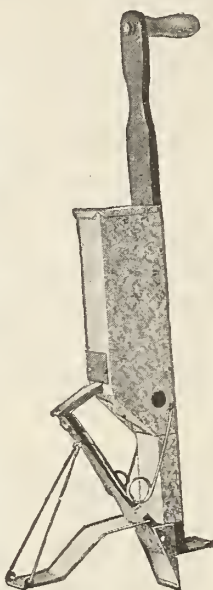
SEGMENT CORN PLANTER

The lightest, most accurate, strongest, cheapest and most up-to-date Planter on the market. Never cracks a kernel nor skips a hill. It is always in position, never makes a wrong move. Many gardeners are using this for their planting, and melon growers are using it to plant watermelons and cantaloupes. (See picture). Price—\$2.50 f. o. b. here. Weight, 5 lbs.

Ask for anything you may want pertaining to garden tools; we probably have it, although not listed.

MASTER PLANT SETTER

The only hand mechanical plant setter on the market. No stooping when using it, therefore no lame backs. All kinds of plants—Cabbage, Tobacco, Tomatoes, Cauliflower, Strawberries, Sweet Potatoes, etc., are set in water and covered at one operation. Weight, 10 lbs. Price—Each \$6.75 f. o. b. here.



Segment Corn Planter. All large melon growers are now using the Segment Corn Planter.

The ECLIPSE Rotary Hand Corn Planter

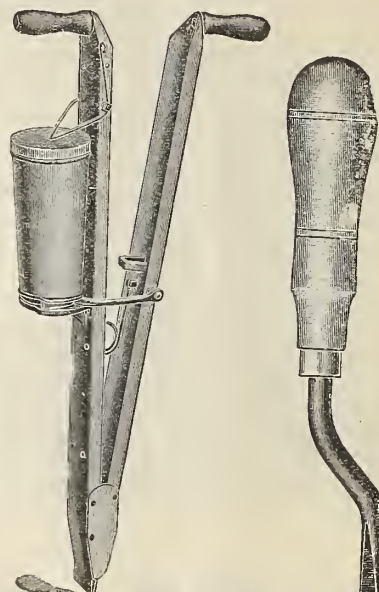
ALL STEEL

Has Given Unequaled Satisfaction During the Past 16 Seasons.

It Eclipses all others, having a Positive Feed and Four Changes of Disks.

It is Extremely Simple and works MUCH EASIER than other styles.

Price \$3.00 f. o. b. here.



ECLIPSE CORN PLANTER

ASPARAGUS KNIFE

Made of steel. Used also to cut Dandelion from lawns. 60c each; by mail 75c.

ALL STEEL GARDEN TROWELS AND WEEDERS



MOE'S LINE



MOE'S LINE



MOE'S LINE

Heavy pressed steel black enamel finish with polished points. No loose wood handles.

No. 80 Garden trowel, 6 in. blade.

Each 35c.

No. 81 Transplanting Trowel. Each 35c.

No. 82 Garden Weeder. Each.....35c.

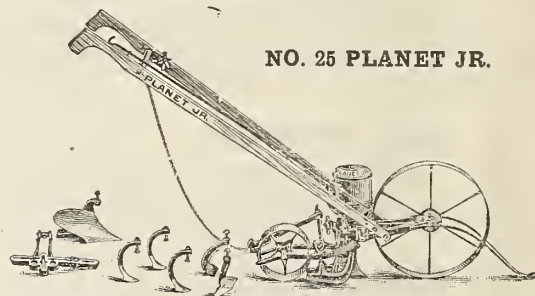
\$1000.00 GUARANTEED ROACH KILLER

Absolutely Guaranteed to rid buildings of Roaches and water Bugs when properly applied.

\$1000.00 Guaranteed Roach Killed is largely a Food to Cockroaches, Black Beetles and Croton Bugs. They like it, eat it and so destroy themselves. It is made of perfectly clean materials and has no odor. Non-poisonous.

\$1000.00 Guaranteed Roach Killer, small size	35c; Postpaid \$0.40
\$1000.00 Guaranteed Roach Killer, medium size.....	65c; Postpaid .75
\$1000.00 Guaranteed Roach Killer, large size.....	\$1.25; Postpaid 1.35
\$1000.00 Guaranteed Ant Bane, small size	35c; Postpaid .40
\$1000.00 Guaranteed Ant Bane, medium size.....	65c; Postpaid .75
\$1000.00 Guaranteed Ant Bane, large size.....	\$1.25; Postpaid 1.35
\$1000.00 Guaranteed Bed Bug Killer	35c; Postpaid .45
\$1000.00 Guaranteed Odorless Moth Powder.....	65c; Postpaid .75

WE CARRY A COMPLETE LINE OF GARDEN TOOLS



No. 25 Planet, Jr., Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator. Weight, packed, 59 lbs. Holds 2½ Quarts of seed. Price—\$24.00

NO. 4D PLANET JR.

As a Seeder.—It sows all garden seed in continuous rows with uniformity, or in hills, 4, 6, 8, 12 or 24 inches apart. It is accurate, simple and durable. No. 4-D, \$16.50 f. o. b. here.

THOMPSON AND ROYAL WHEEL- BARROW GRASS SEEDER

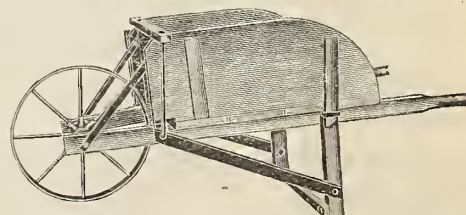
Wheelbarrow Grass Seeders have won for themselves first place among all kinds of grass seeders. They have demonstrated that they are the most accurate and economical machines for sowing Clover, Timothy, Alfalfa, and other small seeds broadcast. They run easily and sow evenly in windy weather. 14 ft. \$16.95.

HORN SEEDER



For sowing alfalfa and wheat etc.
Price \$1.65, postpaid.
\$1.65, postpaid.

GARDEN WHEELBARROW



A superior barrow, handsomely painted and striped; wooden leg braces, bolted, not screwed on, run under the legs, forming a shoe to slide on, avoiding racking the barrow; iron bands shrunk on hubs. Each \$8.50.

SPRAYERS FOR EVERY PURPOSE

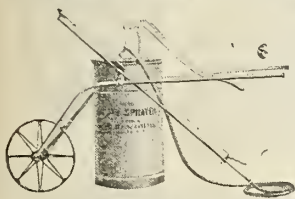
UTILITY No. 40. PORTABLE OUTFIT

Very useful for painting, whitewashing, and disinfecting warehouses, factories, barns, trees and greenhouses.

Tank larger than most similar outfits, made of heavy galvanized steel, reinforced at top and bottom with heavy band iron rings. Constructed the same as our No. 45A Barrel pump as shown on this page. Mechanical agitator keeps liquids thoroughly mixed. Outfit equipped with our patented Utility Angle Nozzle, which controls sprays at discharge end regardless of what length pole is used. A fine strainer at suction end prevents sediment getting into working parts of pump.

FRAME substantially built of steel, well braced and balanced. Equipment:—Capacity, 18 gallons; 10 feet 1/2 inch 5-ply spray hose, 4-foot spray rod; 1 patented Utility Angle Nozzle No. 65. Shipping weight complete, crated 85 pounds.

No. 40—Portable Outfit. Price, each \$37.00 f. o. b. El Paso, Texas.



No. 40



No. 40 A

UTILITY No. 40A PORTABLE OUTFIT

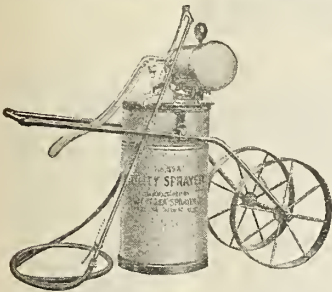
Same in construction as our No. 40, but equipped with an air pressure tank mounted on pump casing. This makes a one-man outfit. By obtaining 250 pounds pressure considerable spraying can be done without pumping.

Equipment same as with No. 40.

Shipping weight, complete, crated, 100 pounds.

No. 40A—Portable Outfit. Price, each \$49.00 f. o. b. El Paso, Texas.

TWO WHEEL PORTABLE



No. 85-A

For size and construction, this outfit is the same as our Nos. 40 and 40A, with the exception of the air pressure tank and the cart.

When tank is mounted, as shown below, it is easily moved about by one hand, which leaves the other free for directing the spray. The steel frame is but 18 inches wide, permitting its use in greenhouses and other places where the passageways are narrow.

The air pressure tank, which is securely mounted on the spider pump casting, is so constructed that a sufficient pressure may be attained and considerable spraying done with one pumping. Tank is supplied with pressure gauge and drain plug.

These outfits are not only adapted for spraying, but for heavy disinfectants, whitewash, cold water paints, kalsomine and other mixtures of similar nature.

No. 85-A, as shown. Weight crated, 110 pounds. Price \$56.75.

No. 85, as shown, less pressure tank. Weight crated, 95 pounds. Price \$40.00, f. o. b. El Paso, Texas.

STANDARD KNAPSACK SPRAYER



For spraying truck crops, potatoes, young and scattered trees, large plantings of berry bushes, shrubbery, etc., the pump, knapsacks, and extension will be needed. Ten acres of potatoes a day is the capacity of this outfit. Price \$12.00 f. o. b. El Paso, Texas.

EL PASO SEED CO'S. SUPERIOR SPRAYER

This sprayer is made of heavy galvanized iron or brass, all seams sweated and riveted, tested at 95 lbs.; tank equipped with standard hose connections, capacity 3 1/2 gallons. The pump cylinder is made of heavy brass tubing, with bronze ball check valve contained within a thin brass cage, which does not deteriorate like rubber. The nozzle is made of brass and can be adjusted to be operated at any desired distance by three-eighths inch connecting rod. This sprayer is especially adapted for spraying trees, poultry houses, out-buildings, barns, and vegetables of all kinds. By reason of the ball bearing check valve, any insecticide or acid may be used safely in this pump without danger to the valve. This pump is the dairymen's friend. Packed one in a box, shipping weight, 10 lbs. Price: galvanized, \$8.50; brass, \$11.50, f. o. b. El Paso, Texas.

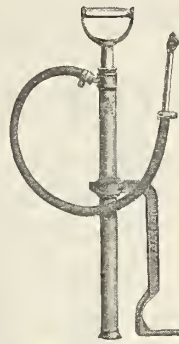


UTILITY ONE GALLON SPRAYER

Most convenient size compressed air type sprayer ever put on the market. Especially adapted for sanitary work, disinfecting, small gardens. Tanks, 6 1/4 inches in diameter 1/2 inches high. Same in design as the No. 10 tank. Price \$5.00.



No. 185



No. 95

BUCKET PUMP

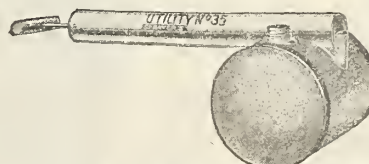
Double-acting. All working parts are brass, not subject to corrosion. Bronze ball valves. Sued to any use where a pump of this kind is required. Price \$6.50.



No. 125—Pint Size
Price 60c, postpaid.



No. 130—Quart Size
Price 85c, postpaid



No. 35. 3 Qt. Galvanized Tank

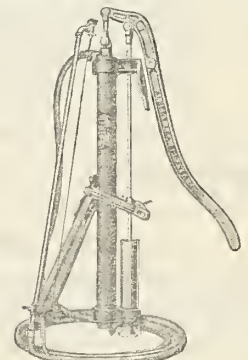
Made of galvanized steel; all seams soldered. Large filling hole. For general spraying it has no equal. Throws forceful and wide spray. Price \$2.60, postpaid.

UTILITY BARREL PUMPS

Cylinder is made of heavy brass 2 1/2 inches in diameter. Brass plunger can be adjusted without removing, having special treated cotton wick packing to prevent corrosion by chemicals. All working parts that come in contact with liquids are brass. Bronze ball valves easily removed. Pressure of 150 to 200 pounds can be maintained.

In complete outfits we furnish our patented Utility adjustable nozzle which always gives control of spray at end. A fine strainer avoids sediments getting into working parts.

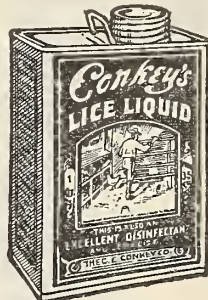
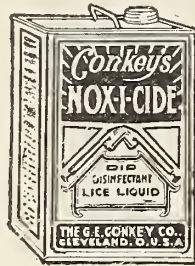
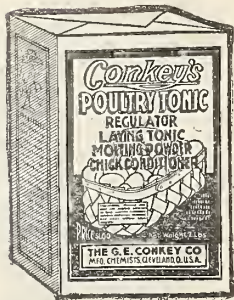
Utility No. 45A—2 in. cylinder complete as shown in cut. Without Barrel—Price \$25.00, f. o. b. here. Weight crated 50 lbs.



CONKEY'S POULTRY REMEDIES

ALL PRICES F. O. B. EL PASO UNLESS OTHERWISE NOTED

GUARANTEE—Each of these remedies is guaranteed. Should they fail to please the purchaser for any reason whatever, his money will be returned without a question.



Bronchitis Remedy	\$0.60
Lice Fix	30c and .60
Black Head Remedy .....	.60
Head Lice Ointment	15c and .30
White Diarrhoea Tablets	30c and .60
Poultry Worm Remedy	30c and .60
Flea Salve .....	.30
Canker Special .....	.60
Conkey's Poultry Tonic	30c, 60c, and 1.20
Conkey's Lice Powder .....	.30
Conkey's Nox-i-Cide .....	.50c, 75c, \$1.25 and 2.00

Chicken Pox (Sorehead)	30c and \$0.60
Poultry Conditioner	30c and .60
Roup Pills	30c, and .60
Conkey's Cape Remedy	30c and .60
Conkey's Limber Remedy .....	.60
Conkey's Scaly Leg Remedy .....	.30
Conkey's Rheumatic Remedy .....	.60
Conkey's Poultry Laxative .....	.30
Conkey's Roup Remedy	30c, 60c and 1.20
Conkey's Healing Salve .....	.30
Cholera Remedy	30c and .60

ALL POSTPAID EXCEPT, POULTRY TONIC, LICE POWDER AND NOX-I-CIDE.

PRATTS POULTRY AND STOCK REMEDIES



Pratts Poultry Regulator, 25c, 50c, \$1.10—12lb pail \$1.65, 25lb pail \$3.00, not prepaid.
 Pratts Buttermilk Baby Chick Food, packages 40c and 80c, not prepaid.
 Pratts Powdered Lice Killer, 30c, not prepaid.
 Pratts Roup Tablets or Powder, 30c, and 60c, postpaid.
 Pratts Red Mite Special, 75c, not prepaid.
 Pratts Poultry Disinfectant and Liquid Lice Killer, quarts 75c, half gallon \$1.25, gallon \$2.00, not prepaid.
 Pratts White Diarrhea Tablets, 30c and 60c, postpaid.
 Pratts Sore-head Chicken-Pox Preparation, 30c and 60c, postpaid.
 Pratts Head Lice Ointment, 30c, postpaid.

Pratts Colic Preparation, 75c, not prepaid.
 Pratts Distemper and Pink Eye Remedy, 60c, not prepaid.
 Pratts Healing Ointment, 30c, postpaid.
 Pratts Bag Ointment 40c, and 80c, postpaid.
 Pratts Cow Tonic, 60c, and \$1.00, not prepaid.
 Pratts Fly Chaser, \$1.10, not prepaid.
 Pratts Liniment, 30c and 60c, not prepaid.
 Pratts Healing Powder, 35c, postpaid.
 Pratts Heave, Cough and Cold Preparation, 70c, postpaid.
 Pratts Dip and Disinfectant, quarts 75c; half gal. \$1.25; gallon \$2.00, not prepaid.
 Pratts Animal Regulator, 30c, 60c, \$1.20—25 lbs. pail \$4.00, not prepaid.

RELIANCE

RELIANCE LICE AND MITE KILLER

The only remedy of its kind that can be given in food or drinking water. Does not affect the flesh of the fowls, but quickly rids them of lice, mites and all blood-sucking insects. Never again need you use troublesome dusting powders. Satisfaction guaranteed or your money back.

Roupe and Canker Cure Sore head Remedy, Cholera Specific, Poultry Tonic, Limberneck and Gapes. All these remedies are giving in the drinking water. Prices 60c, and \$1.10, postpaid.

LEE'S LICE KILLER

LEE'S LICE KILLER has been for twenty years the poultryman's standby in keeping chickens and poultry houses free from lice, mites and scaly-leg. A liquid, simply painted on roosts. Size, 75c, not prepaid.

DR. LeGEAR'S STOCK POWDERS

are a tonic, conditioner, appetizer and worm expeller. When fed regularly, cows give more milk, hogs grow faster, horses do more work, wards off disease and is good for coughs, colds, distemper, kidney troubles, hide-bound, etc. 30c, and 60c pkgs. 25 lb pail \$3.50, not prepaid.



and LEE'S REMEDIES

EGG-O-HATCH

EGG-O-HATCH is a new preparation for applying to eggs during incubation. Supplies oxygen and absorbs carbonic acid gas. Strengthens the chick and weakens the shell. One size only, 60c, postpaid. Enough for 600 eggs.

EGG-O-LATUM

EGG-O-LATUM is a new and valuable egg preserver. An antiseptic wax. Rubbed on eggs it keeps them fresh from spring and summer to following winter. Easy to fix a dozen a minute. Simply laid away in cool cellar. 60c, per jar, postpaid. Enough for 600 eggs.

GERMOZONE

GERMOZONE is the most popular medicine for poultry and pet stock and the most generally effective. For roup, colds, canker, chicken-pox, sore head, skin disease, bowel trouble, sores, wounds. 60c, and \$1.00, postpaid.

GERMOZONE TABLETS

GERMOZONE TABLETS—This is the same as liquid, only in a more convenient form. When dissolved in water they act the same way as the Germozone liquid, in three sizes, 30c, 80c and \$1.60, postpaid.

POULTRY SUPPLIES—Continued

ALL POULTRY SUPPLIES F. O. B. EL PASO, UNLESS OTHERWISE NOTED

"SPIR-OL"

CELLULOID LEG BANDS ARE BEST, BECAUSE:-

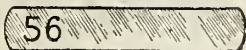
They are easily placed, easily distinguished, cannot come off, can be used over again, do not break, they are cheap. Colors, Black, White, Red, Yellow, Blue, Green, Purple, Light Blue, Maroon and Pink.

Prices, postpaid, 15c. for 12; 30c for 25; 55c for 50; \$1.00 for 100; \$9.00 for 1000.



AMERICAN

OPEN PIGEON BANDS



Made of flat aluminum. Prices, postpaid, 15c for 12; 85c per 100.



PAT. APPLIED FOR

CHAMPION ADJUSTABLE LEG BAND

This is a well-known Leg Band. It is one of the oldest bands on the market and has met with an immense sale during several years past. It is well and durably made from one thin strip of aluminum, and is used by thousands of successful breeders and exhibitors. Being held by a double lock, it is impossible for them to come off. Made in one size only and adjustable to fit any size fowl. Prices, postpaid, 20c for 12; \$1.00 per 100.

VICTOR POULTRY BANDS

A modern Band in colors. These Bands are made with extra large figures on a plain white background. The numbers are easily visible even when the fowl is moving about in the yard. The figures are protected by a thick, transparent cover (not simply glazed) making it extremely durable. The Bands are made of aluminum, consequently they are very strong and very light in weight. Prices postpaid; 50c for 12; \$4.00 per 100. Adjustable.

POULTRY INSTRUMENTS CAPONIZ-
ING SET

This set is one of the latest design. It is a combination of tools that can be used with one hand and seldom causes the operator to slip and cause the loss of the bird.

We carry the following sets:

Pillings
Cornell \$5.00
Pillings
Farmer 4.00
Pillings
Special 4.50
We suggest that you use either the Cornell or Farmer. They



a fine oak case. Each set contains full instructions.

PILLING FRENCH POULTRY KILL-
ING KNIFE

Every poultry raiser should have one of our Killing Knives. They are made of a fine tempered instrument steel with nicked handle; will last a lifetime. Sent postpaid on receipt of 85 cents. Don't wait! Send for one now! Sent securely packed by mail on receipt of price.

COMPRESSED SALT BLOCKS

Plain and Sulphurized. The best and most economical salt for stock. No waste or loss. Healthy and convenient. In 50-lb blocks only. Write for ton price.
Price—Plain, 90c, per block; Sulphurized, \$1.00 per block.

GROUND CHILI PEPPER

For Poultry. Price 40c, postpaid.

PETTEY'S POULTRY PUNCH



All Steel, Nickel Plated, Punches Clean Holes; is right size; will not bruise the foot. Price, 25c by mail 30c.

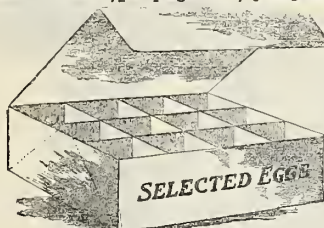
X-RAY EGG TESTER



Price 35c, by mail 50c,

PURE SODIUM FLUORIDE

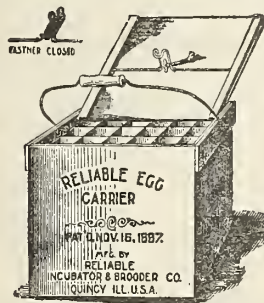
For killing lice on poultry, also for Roaches in the home. Price—1/2 lb pkgs. 60c, postpaid.



EGG BOXES

CONTINENTAL)
EAGLE) Write for Prices
RANGER)

STOVER GRIST MILL NO. 32



RELIABLE EGG CARRIERS

We manufacture and sell one of the safest, best and most complete Egg Carriers on the market. It is equipped with an adjustable cover, and a patent combination lifter and fastener.

Made only in 12 dozen size, \$2.00.

TALCIMIZED
SODIUM FLUORIDE

The U. S. Department of Agriculture recommends Sodium Fluoride to kill poultry lice. They report that it does the work better than anything else, killing both old and young lice, including the young which come from the eggs present on the fowl at the time of treatment.

Talcimized Sodium Fluoride is made especially for poultry and carries the Government's directions for applying. It is safe, easy to use, inexpensive and absolutely does the work quickly and effectively. Price 35c and 60c, not prepaid.

DON SUNG



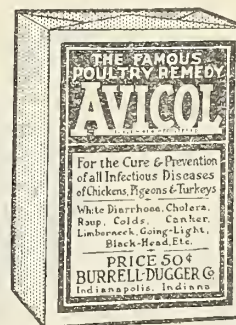
MAKES HENS LAY

Give your hens Don Sung for one month, and if you don't find that Don Sung has paid for itself and paid you a good profit besides, your money will be refunded without question or argument.
Price 50c.

Large size \$1.00, holds 3 times the 50c size.

Special size \$5.00, holds 6 times the \$1.00 size.

AVICOL



STOPS CHICKS DYING

Get a package of Avicol today if you don't find that it promptly stops your chicks dying, or is not successful in the treatment of white diarrhoea and all other bowel diseases of poultry, your money will be refunded.

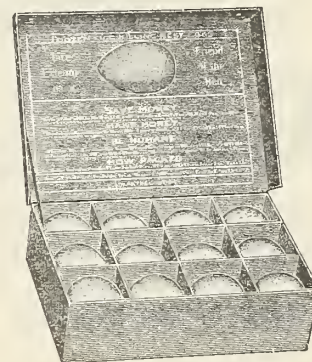
Price 50c. Large size \$1. (Holds 2 1/2 times 50c size.)

REEFER'S MORE-EGG TONIC

Wonderful Egg Producer. Price \$1.00, postpaid.

OCULUM

Inoculation for fowls is a new discovery. Oculum is a sure cure for Cholera, Roup, White Diarrhoea and Sore Head in fowls. It is also a preventive of these diseases. Inoculate your fowls with Oculum and they will be healthy. The deadly germ of Cholera and White Diarrhoea is in the egg. The chick when hatched is a candidate for early death. Price 60c and \$1.10, postpaid.



GLASS NEST EGG

Very useful and necessary; saves leaving fresh eggs in the nest. Price per dozen 40c; one dozen by mail, postpaid 50c.

MEDICATED NEST EGG

Lice destroyer and nest egg combination. It is a sure death to all lice and mites affecting poultry. When in use it slowly wastes away, giving off fumes fatal to all insect vermin. 10c each, \$1.00 per dozen; by mail \$1.20.

GOPHERGO is the best exterminator of gophers, squirrels, prairie dogs, rats and mice and all rodents ever put on the market. It is the only thing that will get a pocket gopher, and will kill ten where a trap will get one. A wonder for cleaning gophers out of alfalfa, beet, truck and orchard land. Squirrels will take the grain and the raisins. It is cheap, ready and easy to use, never loses strength and guaranteed to do the work or your money back. Price 70c and \$1.10, postpaid.



MACABEE GOPHER TRAP

This is the most convenient gopher trap yet manufactured. It is easy to set, small and can be extended far down into the hole. Price, postpaid, 35c.

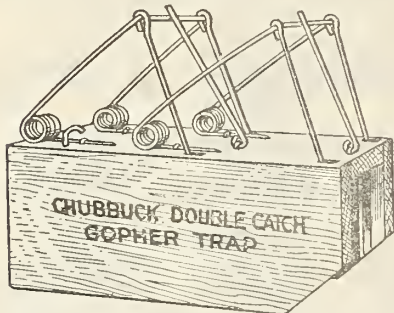
MACABEE GOPHER TRAP

GOPHER CANDLES

For the extermination of Gophers.

Candles are lighted and placed in the run-ways and the entrance thoroughly stopped. (12 Candles in a package, 75c, per doz.). Can be sent through mail.

CHUBBUCK DOUBLE CATCH GOPHER TRAP



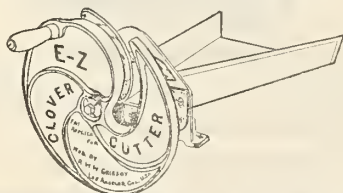
This is the latest and surest Gopher Trap on the market. Catches eight large or small gophers. And very often when the gopher is working the dirt ahead of him the trap is sprung, catching him by the outer spring. Price 75c, postpaid 85c.

GILT EDGE SCALE



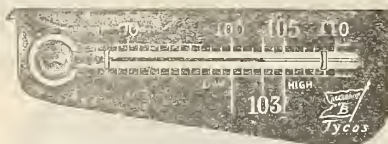
Is the only Egg Scale made that will give the correct grading within a range of 17 to 30 ounces to the dozen. Standards of eggs as follows: No. 1 Pullet, 20 to 22 oz.; No. 2 Pullet, 19 to 20 oz. Price \$2.80, postpaid \$3.00.

THE E-Z" CLOVER CUTTER



This machine can well be called the Poultry-man's Friend. It is designed, especially, for the small poultry yard, of ten to one hundred chickens. Price \$8.50, not prepaid.

TYCOS INCUBATOR THERMOMETER



No. 5774

Black oxidized brass scales, white filled figures and graduations, mercury tubes, angle pattern, flange turned over on upper edge to hook on wire or metal strip.

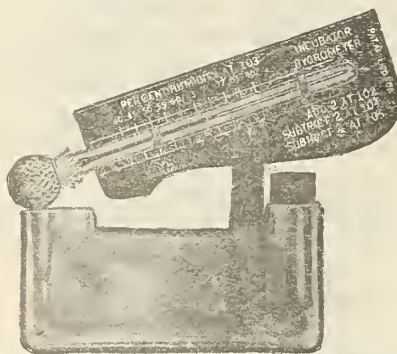
Price, \$1.00 each, postpaid.

No. 5790 BROODER THERMOMETER



When placed in a hole in top of the brooder or hover the scale can be read from the outside while the bulb of the thermometer is inside. Price each \$1.75 and 85c.

TYCOS HYGROMETER



Millions of chicks die in the shell every year for the want of proper moisture conditions. The importance of a correct percentage of moisture during incubation has made the Tyco's Hygrometer as necessary as the Tyco's Incubator Thermometer. Neither takes the place of the other, but together they give the practical poultry raiser all the facts required for successfully regulating the heat and moisture of his incubators. The Tyco's Incubator Hygrometer is not a regulator of moisture, but an indicator, showing (together with the Tyco's Incubator Thermometer) exactly what the conditions are, so that if not correct they may be made so.

Standard grade Tyco's Incubator Hygrometer, black oxidized brass scales, with filled figures and graduations, glass water cistern, silk wick, complete directions with each instrument. Price, \$2.50 each.

Extra Silk Wicks for Hygrometers, 15c each.

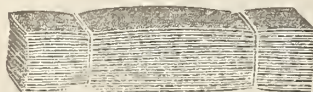
Booklets on Incubator and Dairy Thermometers sent upon request.

McCANDLISH IMPROVED CHICK FEEDER



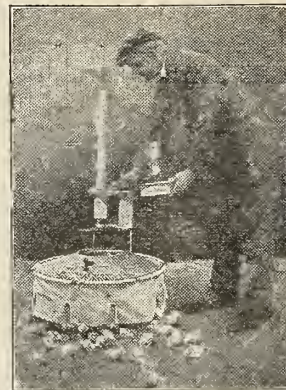
Made of heavy galvanized iron, with no rough edges. It cannot capsize or waste feed. The revolving rod prevents the chicks from perching upon it, making the feeder absolutely sanitary. In 3 sizes, 12-inch, 40 cents; 20-inch, 60 cents; 30-inch, 85 cents.

INCUBATOR WICKS FOR BURNER



No. 1, 5c; No. 2, 10c; No. 3, 15c

INTERNATIONAL SANITARY HOVER



The International Sanitary Hovers have stood every climatic test from Panama to Quebec. Practical poultrymen, state experiment stations, and poultry judges endorse it. You can raise chicks anywhere with International Sanitary Hovers. No specially constructed houses are necessary. There is no better place than in your regular hen houses. Sanitary Hovers are as practical for small back-yard poultry raiser as large poultry farms. They are warmest at the curtain—usable anywhere—ready for business wherever placed. No crowding or smothering of chicks, no kneeling in mud to get at the lamp, no cutting of holes or building of platforms. You want the best brooding device—you will get it in the Sanitary Hovers. Price \$14.50 each.

THE WENATCHEE

Fruit and Vegetable Gathering Bag Used

Everywhere
REASON IT IS SO POPULAR



It is durable and practical.

Saves in labor a dollar a day over cost by any other method. The load is carried from the shoulders by heavy halter web that will not curl, and in this position gives ease and comfort to the picker. A strap around the waist keeps it in position. The mouth of the bag is always open, being constructed with a novel shaped metal frame so that the hands of the picker can go with the fruit to the bottom of the bag. Bottom of the bag is opened instantly by the snap, and fruit is emptied out without bruise or injury.

When snapped at top loop the bag will hold one-half bushel; when snapped at bottom loop as shown in cut the bag will hold about a bushel.

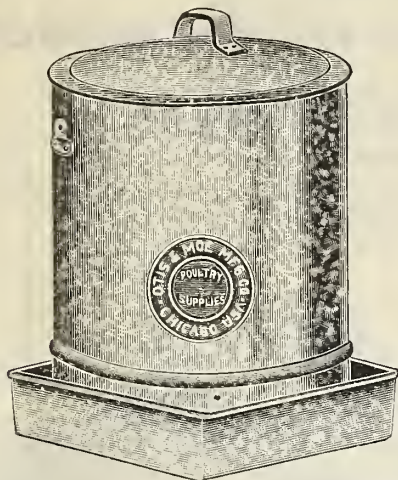
Body of bag is made of 10 ounce canvas double stitched with waxed harness thread and reinforced with leather riveted at wearing parts.

Will last for years. Can't be beat for planting and gathering potatoes. Shipping weight, 2 lbs. Price \$3.00, postpaid.

POULTRY SUPPLIES—Continued

ALL POULTRY SUPPLIES F. O. B. EL PASO, UNLESS OTHERWISE NOTED

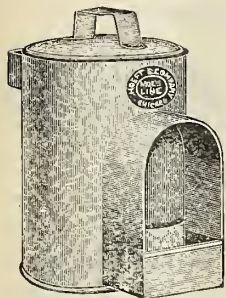
IMPROVED TOP FILL FOUNTAINS



Provides pure fresh water at all times. The double wall construction retards freezing, and keeps water cool in summer. Fills from the top, easily cleaned, and feeds automatically.

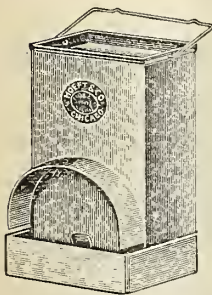
No. 2 Capacity 2 Gallon\$3.10
No. 4 Capacity 4 Gallon 4.10

WALL FOUNTAIN



The covered outlet keeps out dust and dirt, and a removable place prevents any floating rubbish from being drawn into the reservoir.
No. 98 Capacity 1 Gallon\$1.00 Each
No. 99 Capacity 2 Gallons\$1.50 Each

DROP BOTTOM FOUNTAIN



Drop Bottom, easy to fill and to clean. Has wire handle and may be hung on the wall out of the litter and dirt.

No. 40 Capacity 2 Quarts\$1.10 Each
No. 41 Capacity 1 Gallon\$1.35 Each

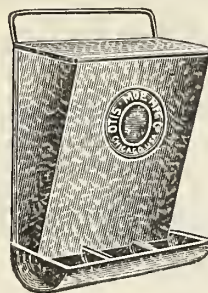
RELIABLE

ALL MISSION FINISH
RELIABLE GRAIN AND OAT
SPROUTER, COMPLETE
SIZE AND WEIGHTS

No. of Trays	Size of Trays	For No. of Fowls	Weight Lbs.	Price
3	12x24	50	80	12.50
6	12x24	100	140	18.50
12	12x24	200	230	30.00

From Original Photograph in the Middle of Winter

GRIT AND SHELL BOXES



A special feed hopper and grit box for baby chicks. Thoroughly well made, no solder used in its construction.

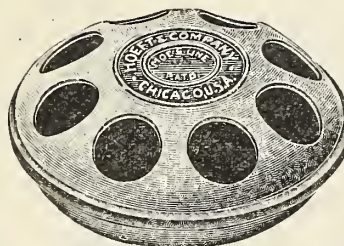
No. 45 Two Compartment.....Each \$1.00

Economical and practical for feeding grit, shells etc., keeps the fowls in prime healthy condition.

No. 9 Three CompartmentEach \$1.60
No. 90 Four Compartment Each \$2.00



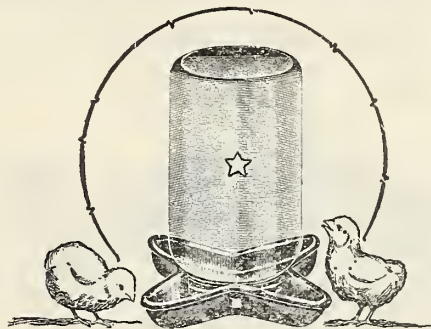
BABY CHICK FEEDERS



A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

No. 11 Diam. 6 in. with 8 holes Each 25c.
No. 12 Diam. 8 1/4 in. with 12 holes Each 30c.

STAR FOUNTAIN AND FEEDER



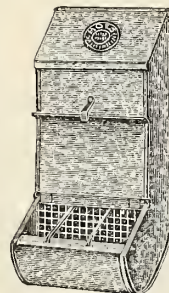
Made of a single piece of heavy metal. No solder, no seams, no loose parts. Suitable for feed as well as water. Little chicks can not drown. Fits any Mason jar in 1 Pint, 1 Quart, and 2 Quart sizes.

No. 32 (Glass jar not included) 2 for 25c.....Each 15c

DRY MASH HOPPERS

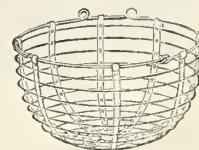
A strictly high quality hopper, properly designed. The curved bottom keeps the feed in easy reach, and the taper shape of the hopper prevents the feed from clogging. Height 19 in.

No. 35 Width 8 1/2 in.....Each \$1.85
No. 36 " 12 " " 2.35
No. 37 " 24 " " 3.45
No. 13 " 18 " " 2.80



WIRE HEN NESTS

Price 35c each



POULTRY SUPPLIES—Continued

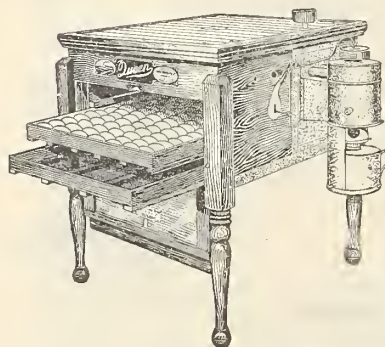
ALL POULTRY SUPPLIES F. O. B. EL PASO, UNLESS OTHERWISE NOTED

The New Reliable Line of Brooders

QUEEN INCUBATORS

SEND FOR QUEEN INCUBATOR CATALOG

For fifteen years Queen Incubators have been regarded by poultrymen as the high-grade moderate-priced line of America. In the Queen, you have the very best incubator that could possibly be built.



THE BEGINNER'S QUEEN

No. 2—135-Egg Capacity
Each, \$27.50

Floor space, including lamps,
28½x32 in.

Egg tray, 21x24 in.

Shipping weight, 95 lbs.

The size meets the requirements of the small poultry raiser and farmer, which explains its enormous sale. It only requires the output for a few days of a small flock of layers to fill it. A mighty good machine for raising a small flock.

FARMER'S FAVORITE QUEEN

(BUT THOUSANDS ARE SOLD IN TOWNS)

No. 3—165-Egg Capacity, Each \$31.00

Floor space, including lamp.....30½x35½ inches
Egg tray24 x36 inches
Shipping weight105 pounds

Just a good average size, not too small for the larger poultry raiser, nor too big for the small one.

No. 20—70-Egg Capacity, Each, \$18.00
ALL COPPER TANKS AND HEATERS

Floor space, including lamp 23x28 inches.

Egg tray, 16½x18½ in.

Shipping weight, 46 lbs.

This little machine is a wonder for the money. It is not so thoroughly constructed, nor so completely equipped as the regular Queens, but it is made of California Redwood, has a copper heating system, and a special Queen Regulator. It will serve the need of those who want to get into the poultry business on a small scale economically.

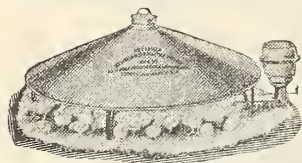
PEERLESS 66 HATCHER

An all metal incubator. One of the most complete incubators on the market. Price, only \$12.00.



THE RELIABLE—STANDARD BLUE FLAME— WICKLESS OIL HEATED COLONY HOVER

This New 1922 Reliable Position Oil Level Standard Blue Flame Wickless Oil Heated Colony Hover will save you time, money and trouble, and your chickens will grow faster, get heavier and will thrive because our hover will take the very best care of them and keep them comfortable and healthy. This without question is the most popular and most efficient hover we have ever manufactured. Just think of it—no clogging and stopping of the oil—valveless, cannot overflow and the many other features as stated.



FULL DIRECTIONS
ALSO
IN SPANISH FOR
OPERATING
INCUBATORS

Prices, Sizes and Shipping Weights of Our Reliable Standard Blue Flame Wickless Self-Feeding Coal Oil Heated Hovers

No.	Size Hover	Capacity	Weight Complete	Price Complete
1	42 inch	500 Chicks or less	58 lbs.	22.25
2	52 inch	1,000 Chicks or less	65 lbs.	24.75



SHOWING THE BROODER IN ACTION

IT WILL PAY YOU TO GET THIS NEW 1922 BROODER

It will pay you to have this new 1922 Reliable Standard Coal Burning Brooder. It has features and qualities that are not possessed by any other similar brooder and it is worth more to you on account of these improvements.

IT HAS A POUCH FEED DOOR

In the new designed top of the stove, which increases the coal capacity.

THE STOVE WEIGHS FULLY 15% MORE AND HAS 10% LARGER COAL CAPACITY

than any similar stove of the same brooding capacity on the market. This does not seem of much importance but when you stop to think that this 10% more coal will run this stove from two to four hours longer, it is an item worth considering.

BURNS SOFT COAL

Hard coal is best to use if it can be obtained, but this is not always possible, so to make this brooder adaptable to the use of soft coal, we have equipped it with a

FOUR-INCH FLUE AND A SCREW PLATE DRAFT

making it possible to burn soft coal without it clogging up or going out.

THE LATEST IMPROVEMENTS AND PATENTS

are found on the 1922 Reliable Coal Brooder, improvements that are for the betterment of this brooder in every way. We have spared no means to make it the best coal brooder it is possible to manufacture.

SO DO NOT DELAY

Order your brooder at once. We know that you will be satisfied with it in every way and that you will not regret your purchase.

PRICES OF THE RELIABLE STANDARD COAL BURNING BROODER

No.	Size of Canopy	Capacity	Height	Diameter of Cylinder	Diameter of Grate	Shipping Weight	Price Complete
9	42 inch	500 or less	22 inches	10 inches	9 inches	80 lbs.	\$23.75
10	52 inch	1000 or less	26 inches	13 inches	11 inches	106 lbs.	29.50

THE "HALLECTRIC" BROODER

A practical Electric Brooder.

Made entirely of metal, insuring years of service.

Economical, Fire-proof, Trouble-proof.

Heated by an electric bulb.

No lamp to fill, explode, or give off poisonous fumes.

Has no foul smelling curtain to shut off free circulation of fresh, pure air.

Requires absolutely no attention after attaching to any electric light socket.

Soft steady heat radiated upon chicks. 24" size, 150 chicks.....\$16.00

Feed For Poultry and Other Fowls

ALL POULTRY SUPPLIES F. O. B. EL PASO, UNLESS OTHERWISE NOTED

Swift's Meat Scraps

Guaranteed analysis, Protein 50 per cent, Fat 8 per cent.

Combined in proper proportions with good clean cereal feeds, there is no other form of animal matter (Meat) which will produce eggs so cheaply. They are uniform in quality, clean, concentrated, and handy to feed. Every pound of Swift's Meat Scraps contains as much feeding material as ten pounds of fresh meat. Which is cheaper? Write for prices.

AN IDEAL RATION

To five parts of clean grain, whole or ground, add one part Swift's Meat Scraps—feed dry when whole grain is used, or feed as mash if ground grain is used. Add one part of fine-chopped alfalfa or clover hay.

For each 100 pounds live weight of laying birds this is an ideal ration:—

Corn	3 lbs.
Wheat	2 lbs.
Clover Hay	1 lb.
Swift's Meat Scraps	1 lb.
Total.....	7 lbs.



SWIFT'S BLOOD MEAL

Pure Blood Meal fed to your poultry will make your hens lay, your chicks grow fast, and keep your fowls healthy. It contains no ground bone or cheap adulteration of any kind, and is the most complete poultry and egg food in use.

Directions—It should be fed at the rate of about three times a week, composing one-tenth part of the mash. Write for prices.

SWIFT'S FINE GROUND BONE

For mixing once a day with soft feed, this is unsurpassed.

Directions—It should compose about one-tenth part of the daily mash. Write for prices.

EL PASO SEED CO.'S CHARCOAL

Specially prepared for poultry feeding. Purifies the blood, prevents disease and is a splendid remedy for sour crop, diarrhoea, etc. A little of it goes a long way, and no poultryman should be without it. Do not confound this with ordinary charcoal. Prepared by us in three grades: Grade A (fine granulated), for use in mash mixtures; Grade B (medium granulated), for small newly hatched to half-grown chicks; Grade C (coarse granulated), for grown fowls.

Directions—Keep coarse charcoal in a hopper before the fowls, allowing them free access at all times. Fine charcoal to be mixed with the mash, using one heaping table-spoon of charcoal to one gallon of soft food.

Prices, Bulk, 10 lbs. 15c, 4 lbs. 50c, 10 lbs. 90c, 25 lbs. \$2.00, 50 lbs. \$4.00, 100 lbs. \$7.00.

LICE PROOF PERCH SUPPORTS

When the little cup is filled with coal oil, or any of the numerous liquid insecticides or disinfectants, it is impossible for lice to pass from the walls of the building to the roost, or from the roost to the building; hence hens can roost in perfect peace at night, and in a short time your fowls will be free from the plague, the lice dying for want of nourishment. Price, sample pair, 50c.

NOTICE—Owing to fluctuations of the grain market, all prices on poultry goods are subject to change.

El P. S. Co.'s Crushed Oyster Shell

As egg shells contain a large percentage of lime, it is important that you keep the fowls well supplied with this substance in one form or another. Oyster Shell supplies this necessary material in a most satisfactory manner, and is low in price.

Directions—Keep coarse shell in a hopper before the fowls, allowing them free access to it at all times. Fine shell to be mixed with the soft food, composing about one-twentieth part of the mash.

Price, 10 lbs. 30c, 50 lbs. \$1.25, 100 lbs. \$2.00.

EL P. S. CO.'S PEARL GRIT

It is an established fact among poultry men that in order to make the poultry business a success, a first-class grit must be used. Ordinary water-washed smooth pebbles are not "grit." Grit must have a formation which enables it to retain its grinding qualities under the relaxation and contraction of the gizzard. We supply three sizes: No. 1 for brooder chicks; No. 2 for half-grown chicks, and No. 3 for hens, turkeys, ducks and geese. No. 1 is used by many large duck breeders with satisfactory results.

Directions—Pearl Grit should be kept in a hopper before the fowls, allowing them free access at all times.

Prices, 10 lbs. 30c, 50 lbs. \$1.00, 100 lbs. \$1.75.

MORE EGG LAYING MASH

Mash is a nutritious mash mixture prepared from clover, grain and animal products designed to keep hens in laying condition and promote and increase production of eggs.

Begin feeding it now. Test its real value. Write for prices.

Please Write for Prices on Feed of All Kinds

DANDY SCRATCH FOOD

"Dandy" Scratch Food is an ideal grain mixture making a balanced ration. The ingredients are correctly balanced so as to meet conditions extending throughout the entire year, including the laying period, moulting period, etc. It affords a wide variety of wholesome ingredients, being made up of different grains, sunflower seed, etc. It meets the requirements of the fowl and insures a liberal production. A good scratch feed insures one of always feeding correct ration. Prices on application.

COTTON SEED MEAL

Our trade on cotton seed meal and cake to ranchers and dairies is extensive. Write for prices.

OATS

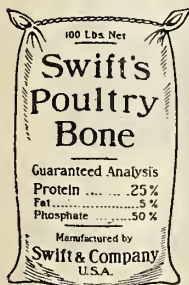
Always have on hand a good grade of feeding oats as well as seed oats.

CORN

Especially during the cooler months we ship many hundred tons of both corn and chops. Any quantity, sack, ton or car.

BRAN

Get our prices before buying bran.
Can supply all feed stuff. Prompt shipment.



PLAIN AND FANCY CAGES

ALL BIRD SUPPLIES F. O. B. EL PASO, UNLESS OTHERWISE NOTED

ENAMELED CANARY CAGES

WHITE—MOULDING DRAWER BASE

No. 149	Body	10 $\frac{1}{2}$ x7 $\frac{1}{2}$ in.	Price	6 80
No. 150	"	10 $\frac{3}{4}$ x7 $\frac{3}{4}$ "	"	7.20
No. 151	"	11 $\frac{1}{4}$ x8 $\frac{1}{4}$ "	"	7.65
No. 152	"	11 $\frac{3}{8}$ x8 $\frac{3}{8}$ "	"	8.10

BRASS BEE HIVE CAGES

Removable Gravel Pan

No. 8888 W.	Size 10 in. Diameter,	Price	\$8.70
No. 8888 S.	Size 10 $\frac{1}{2}$ in. Diameter,	Price	9.60
No. 8888 L.	Size 11 in. Diameter,	Price	10.70

MOCKING BIRD CAGES

Enameled Metal—White Bottle

Blue Trimmed.

18 inch	Price.....	\$8.30
20 inch,	Price.....	9.50
22 inch,	Price	11.00
24 inch,	Price.....	12.50

BREEDING CAGES

17 inch long	without partitions,	Price	\$4.10
18 "	" " " "	"	6.10
19 $\frac{1}{4}$ "	" " " "	"	8.10
17 "	" With partitions	"	6.75
18 "	" " " "	"	7.75
19 $\frac{1}{4}$ "	" " " "	"	9.75

PARROT CAGES

Square Tinned Wire, Heavy Tin Moulding
Drawer Base Grating.

No. 12.	Size	16x13 $\frac{1}{2}$ inch,	Price	\$15.65
No. 13	"	17x14 $\frac{3}{4}$ "	"	18.15
No. 14	"	18x16 "	"	22.00

PARROT CAGES ROUND

No. 18—12	inch	diameter,	Price	\$4.95
No. 19—12 $\frac{3}{4}$	"	"	"	6.10
No. 20—13 $\frac{3}{4}$	"	"	"	7.30
No. 21—14 $\frac{1}{4}$	"	"	"	9.00
No. 22—16	"	"	"	10.30
No. 23—17 $\frac{1}{8}$	"	"	"	11.95
No. 24—18 3-8	"	"	"	14.70

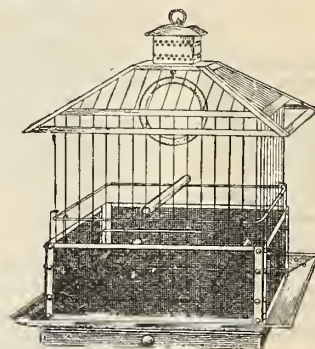
TRAVELING CAGE

We carry a small cage for use by those who travel considerably and still wish to take their bird with them. It is very handy, being only 4 $\frac{1}{2}$ inches high, 6 $\frac{1}{4}$ inches wide and 8 $\frac{1}{4}$ inches long, supplied with both feed and water cups. Small enough to be extremely convenient. Price \$1.00

EL PASO SEED CO.'S GOLDEN ROD BIRD SEED

Bright, clean, pure wholesome,
specially cleaned by us
1 lb 35c, postpaid

ENAMELED MISSION CAGES

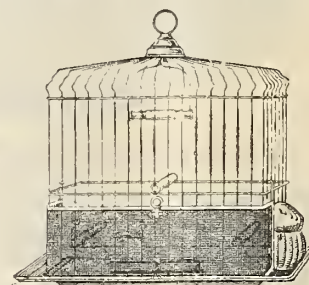


No. 109

OLD IVORY—BRASS GUARDS—REMOVABLE DRAWER BASE

No. 109.	Size 8 $\frac{7}{8}$ x8 $\frac{7}{8}$ inch.	Price	\$10.45.
No. 110.	Size 9 $\frac{3}{8}$ x9 $\frac{3}{8}$ inch.	Price	\$11.50.
No. 111.	Size 10x10 inch.	Price	\$12.50.

BRASS CANARY CAGES

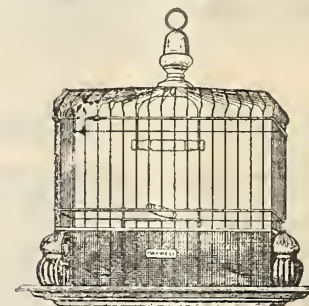


No. 549

No. 549.	Body	10 $\frac{1}{2}$ x7 $\frac{1}{2}$ in.	Price	\$7.30
No. 550.	Body	10 $\frac{3}{4}$ x7 $\frac{3}{4}$ in.	Price	8.75
No. 551.	Body	11 $\frac{1}{4}$ x8 $\frac{1}{4}$ in.	Price	9.30
No. 552.	Body	11 $\frac{3}{8}$ x8 $\frac{3}{8}$ in.	Price	10.40

ENAMELED CANARY CAGES

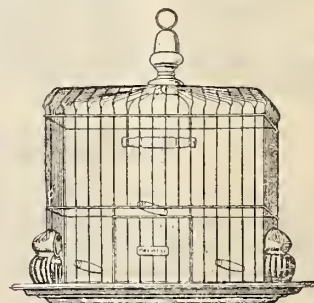
WHITE BRASS GUARDS



No. 232

No. 232	Body	10 $\frac{1}{2}$ x7 $\frac{1}{2}$ in.	Price	\$5.60
No. 233	"	10 $\frac{3}{4}$ x7 $\frac{3}{4}$ in.	"	6.00
No. 234	"	11 $\frac{1}{4}$ x8 $\frac{1}{4}$ in.	"	6.35
No. 235	"	11 $\frac{3}{8}$ x8 $\frac{3}{8}$ in.	"	6.80

WHITE CAGES—NO GUARDS

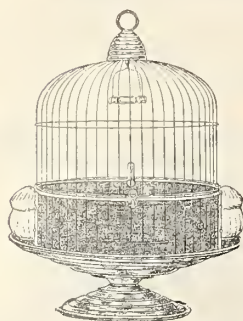


No. 32

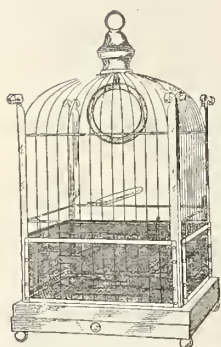
No. 32	Body	10 $\frac{1}{2}$ x7 $\frac{1}{2}$ in.	Price	\$3.00
No. 33	"	10 $\frac{3}{4}$ x7 $\frac{3}{4}$ "	"	3.40
No. 34	"	11 $\frac{1}{4}$ x8 $\frac{1}{4}$ "	"	3.85
No. 35	"	11 $\frac{3}{8}$ x8 $\frac{3}{8}$ "	"	4.30

ENAMELED BEE HIVE WHITE BRASS GUARDS

No. 888W.	Size 10 in. Dia.	Price	\$6.00.
No. 888 C.	Size 10 $\frac{1}{2}$ in. Dia.	Price	\$7.10.
No. 888L.	Size 11 in. Dia.	Price	\$8.10.



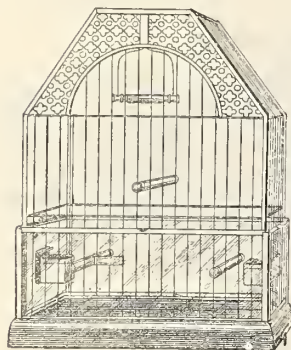
BRASS GOTHIC CAGE



No. 444

No. 444.	Size 9x9 inches.	Price	\$15.45.
No. 333,	six cornered, 11 in.	Price	\$19.50.

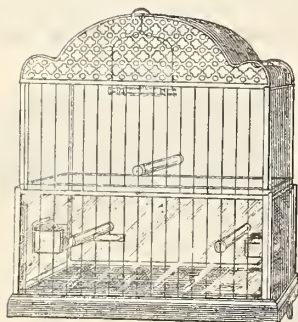
FANCY BRASS CAGES



No. 6666

No. 6666.	Size 11 $\frac{1}{4}$ x7 $\frac{3}{4}$ inches.	Price	\$18.25.
	Drawer, Pan, Glass Guards.		

FANCY BRASS CAGES



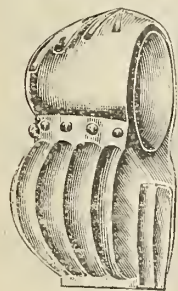
No. 5555

No. 5555.	Size 11 $\frac{1}{4}$ x7 $\frac{3}{4}$ inches.	Price	\$17.15.
	Drawer, Pan, Glass Guards.		
No. 7777.	Size 9 $\frac{1}{2}$ in. Dia. Bath attached.	Price	\$15.50.
	Removable Drawer Base.		

BIRD CAGE ACCESSORIES

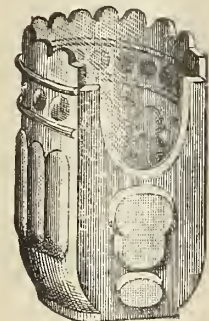
F. O. B. EL PASO, UNLESS OTHERWISE NOTED

We are showing on this page a few of the many accessories and aviary supplies carried in our complete Bird Department. Space will not permit to give full listing, so we have shown only those goods most necessary to bird raising. It is our intention to make our bird department the best of its kind in El Paso, and to be well stocked at all times with standard as well as novel accessories and supplies. Our mail order department is fully equipped to take care of all orders, so if goods you desire are not listed in this catalog, kindly write us and we will endeavor to satisfactorily supply you.



SHELL FEED AND WATER CUPS

The Shell Cup shown here can be used for either food or water. Made to fit any cage and is easily detachable. It is clean, sanitary and prevents birds from wasting food. Price Shell Cup in Crystal 20c each, Shell Cup in Opal 25c each. Single Cup Point 25c each. Square Canary Cup 30c each.



TULIP FEED AND WATER CUPS

The Tulip Cup is one of our best sellers. It fits any cage, is easily cleaned and filled, and perfectly sanitary. It comes in both crystal and in opal.

Tulip Crystal Cup 35c each.

Tulip Opal Cup 30c each.

GOLD FISH—25c to \$5.00.
FISH BOWLS—75c to \$4.00.

DOG FOODS, REMEDIES AND SUPPLIES

LIST OF ACCESSORIES

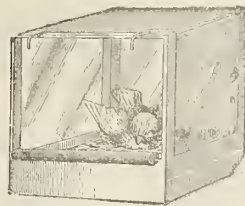
Dog harness in leather	\$.....
Studded with Brass .....	.....
Leather leads, flat, round, plain or swivel snaps .....	.....
Lead chains .....	.....
Leather collars for small dogs .....	.....
Leather collars for medium dogs .....	.....
Leather collars for large dogs .....	.....
Bells and small padlocks .....	.....
Dog sweaters made of fine wool .....	.....
Leather muzzles .....	.....
Fancy leather collars .....	.....
We also carry combs, brushes and other kennel supplies .....	.....

CLAYTON'S DOG REMEDIES

	Retail each
Blood Pills	50
Canker Lotion	50
Ceoline Dog Wash	35
Ceoline Soap	15
Cream Soap	30
Condition Pills	25
Chorea Tablets	50
Cough Cure	50
Diarrhoea Cure	50
Digestive Tablets	50
Dog Soap Cream	30
Eye Lotion	50
Fit Cure	50
Gout Cure	1.00
Hair Tonic	50
Kiflea Soap	30
Kiflea Powder	30
Laxative Pills	50
Mange Cure	50
Mange Remedy	50
Puppy Tonic	50
Rheumatic Tablets	50
Shampoo	25
Sulphur Tablets	50
Tape Worm Expeller	50
Vermifuge	50
Worm Pills	50

Spratts Puppy Biscuits. Price 25c.
Spratts Dog Cakes. Price 25c, 75c and \$1.30.
Puppy Meat. Price 25c.

No. 2 CANARY BATH HOUSE



White Enamelled Tin and three removable Glass Lights. 4x4 inches \$1.00.

2-FOOT CHAIN WITH SPRING—Brass

For use where ceilings or windows are high. This gives the same easy swing to the cage as does the single cage spring. The chain and spring are made of brass and will last indefinitely.

2-Foot chain and spring, 40c, postpaid.



CAGE SPRINGS

Single. This spring is made of extra fine wire, which gives a free, easy springy movement to the cage. Price 25c, each, postpaid.

Extra heavy. This spring is made of wire heavy enough to support large cages. Price 35c each, postpaid.



DOUBLE CAGE SPRING

This spring is for extra heavy cages and is so constructed that it prevents cages from swinging around. Price 40c each, postpaid.

CATNIP MICE

A new plaything for the cat in the way of Catnip. The animal has a wonderful time playing with it, besides being of great health benefit. Price, 15c each.

TAPERED CANARY PERCHES

(For Brass Cages)

For square cages, sizes 6, 6½, 7¼, 8½, 8¾ and 10½ inches. Price 10c each.
For round cages, sizes 8, 8½, and 9½ inches. Price 10c each.

WIRE NEST WITH SWIVEL



4 inches in diameter. Vermin-proof. Adapted to all Breeding Cages, with or without nest boards. Price, 25c each, postpaid.

BIRD NESTING



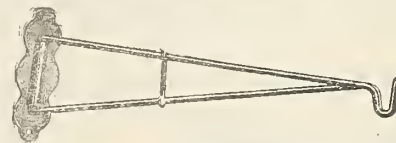
Clean, sanitary nesting prepared of deer hair. Makes a soft warm bed and is readily used by birds. Price 15c, package, postpaid.

CANARY BATHS



These are of porcelain construction and will last indefinitely. Ideal for use as an open bath in a warm room. Two sizes.
Opal, each30c.
Opal, small, each25c.

CAGE BRACKETS



No. 6518, 10 inches. Brass Plated and Lacquered45c.
No. 3710B, 10 inches. Brass Plated45c.

CANARY BIRDS

ROLLERS

Males in beautiful green and mottled yellow at \$25.00 and up. Females at \$5.00 and \$7.50.

HARTZ MOUNTAIN WARBLERS

These dainty little singers are cinnamon, green or mottled yellow, and the males are priced at \$6.00 and up. Females \$1.50 and up.

NORWICH

Green and mottled yellow in color. Males \$15.00 and up. Females \$7.50 and up.

BIRD REMEDIES AND FOODS

Bird Manna, Price per cake	22c, postpaid
Red Gravel, per pint	40c
Red Gravel, per quart	50c
Silver Gravel, per pint	40c
Silver Gravel, per quart	50c
Orange Color Food for canaries, per box	35c
German Song Restorer, per box	35c
Phenolated Brassica Oil, per vial	35c
Prepared Mocking Bird Food, per jar	75c
Bird Bitters, per vial	35c
Bird Eye Water, per vial	35c
Mite Powder, per box	35c
Moulting Pepper, per box	35c
Fish Food, per box	35c
Nestling Food, per box	35c
Nestling Hair, per box	20c
Ant Eggs, per ounce	35c
Mexican Salve, per box	35c
Sunflower Seed, bulk, per pound	35c
Yellow Millet Seed, bulk, per lb. 25c	
Russian Hemp Seed, bulk, per lb. 30c	
German Rape Seed, bulk, per lb. 30c	
Sicily Canary Seed, per pound	30c
Maw Seed, bulk, per pound	\$1.00
Patent Cattle Bone, with fastener, large size	20c
Patent Cattle Bone, with fastener, small size	15c
Golden Rod Bird Seed, 1 lb. size	45c

CALENDAR FOR PLANTING SEEDS

A condensed Calendar for the year, which if followed closely will greatly assist in the successful growing of many crops.

JANUARY After carefully selecting your estimated wants for the season mail us your order. Prepare your hot-bed in which to sow Beet, Cabbage, Cauliflower, Lettuce, Onion, Radish and the like, also some varieties of Flower Seeds for transplanting. Continue to sow flower seeds during this month for spring and early summer blooming. The best varieties for now are Verbena, Phlox, Petunia, Summer Chrysanthemum, Scarlet Sage, Hollyhock, Sweet Alyssum, Snapdragon, Aster, Sweet Peas, Daisy, Wall Flower, Coreopsis, Sweet William, Japan and Carnation Pinks, Larkspur, California Poppy, Alaska Peas, Candytuft, Sweet Mignonette, and Pansies. In a cold frame sow at the end of the month Balsam, Zinnia, Cockscomb, Marigold, and Evening Glory.

FEBRUARY The varieties mentioned for last month may now be sown either in hot-bed or cold-frame. In hot-bed sow Egg Plant, Pepper and Tomato. Such varieties as Beet, Onion, and Radish may be sown in the open ground if it has become quite warm, also early Peas, Carrot, Parsley and Spinach. Set out Onion sets and plant Potatoes. Sow Grass and Clover in field and lawn. Sow Dwarf Essex Rape, Wheat Barley, Rye, and Alfalfa. Sow flower seeds for late spring and early summer, such as Zinnia, and Balsams in frame. Plant Sweet Alyssum, Candytuft, Snapdragon, Pansy, Aster, Chinese and Japan Pinks, Daisies for late blooming, Mignonette, Carnation and Pinks. Phlox and Verbena may still be sown Cosmos, Coreopsis, Sunflower, Cohaea Scandens, Nasturtium, Marigold, Salvia and Vinca.

MARCH This is the initial month of Spring and nearly every kind of gardening may be undertaken. Almost all the general list of vegetable seed may be sown in the open ground with the probable exceptions of Egg Plant, Pepper and Tomato which should be started under glass. All sorts of roots and tubers may be planted in the open ground. Hot-bed plants having been previously hardened by leaving sash open at night, may be transplanted to open ground. Plant some early varieties of Green and Wax Beans as well as Sweet and Field Corn. Sow Grass and Clover for lawn and field, also alfalfa, Cane, Millet, etc. Sow Balsam, Zinnia, Dahlia Cockscomb, Cosmos, Portulaca, and Sunflower.

APRIL Continue the good work of the preceding month and be ready for the planting of main crops, all of which many now be planted with the exception of Melon and other vine seeds. If the ground has become quite warm the more hardy varieties of Flower Seeds, also summer Flowering Bulbs may be planted. Other plantings, for succession, of Beans, Sweet Corn and Peas of the harder class may be made during this month. When not busy at other things, prepare ground for planting root crop seeds early in May. Plant Cane, Millet, Kaffir Corn, Milo Maize, Mangel Wurzel Beets, etc. Sow Balsam, Zinnia, Portulaca, Cockscomb and Vinca.

MAY After some days of warm sunbline may be sown seeds of more delicate germination, such as Melons, Cucumbers, and all other vine seeds, Okra, Beans, all kinds of Garden and field Peas. Sow Celery seed, plant Mangel Wurzel and other root crop seeds, also for forage crops. Milo Maize, Jerusalem Corn Millet, Cane, etc. Soja Beans and Peanuts. Plant June Corn Squaw Corn. Follow instructions given for last month on Flower seeds and plants.

JUNE Make sowing of Cabbage and Tomato for late Summer also Sweet Corn, Peas, Beans, and all other vegetables, including vine seeds to come in early in the Fall. Sow Turnip. The field seeds for preceding month may be planted now, also for later season use. This is the season especially for planting June Corn, Squaw Corn, Early Northern Corn, Cane, Millet, Cow Peas, etc. Follow instructions given for April on Flower Seeds and plants.

JULY Plant Pickling Cucumbers. It is not too late to make successive plantings of Beans, Peas and Sweet Corn. Plant Corn. Transplant Cabbage and Tomato plants also Celery. Make sowings of Turnip and Rutabaga for the late Fall and Winter use. Sow Vinca, Phlox, Cockscomb, Ten-week Stock and Zinnia.

AUGUST Set out late Celery. Make final sowings of Turnip and Rutabaga, also last plantings of Bush Beans. On land where crops have been removed sow Dwarf Essex Rape for late pasture. Prepare ground for Fall seeding of field seeds enumerated to sow in September. Sow Pansy, Balsam, Zinnia, Cockscomb, and follow instructions for July.

SEPTEMBER Fall and Winter Blooming Bulbs should be started to come into bloom during November and December. Sow Turnip, Kale, Mustard, Radish and Spinach for Fall and Winter use. Cabbage, Cauliflower, Lettuce, Onions may be sown for transplanting in November. Sow Alfalfa, Barley, Rye, Oats, Wheat, Bermuda Grass, Dwarf Essex Rape, Vetches, etc. During the month flower seeds, such as Sweet Peas, Pansy, Sweet Alyssum, Candytuft, Verhena, Zinnia, Stocks, Phlox, Chinese, Japanese Marguerite and Carnation Pinks, Asters and Vinca may be sown. Fall and Winter Blooming Bulbs should be started to come into bloom during November and December.

OCTOBER Sow Cauliflower, Cabbage and Lettuce for transplanting. Bulbs for winter blooming may be planted in pots or boxes. Sow Turnip, Mustard, Kale, and Spinach for Winter Greens. Grass and Clover. For Fall seeding, Barley, Wheat, Oats, Rye, Vetches and Alfalfa. Continue to sow flower seeds of all spring blooming varieties. Plant Sweet Peas, Hyacinths, Narcissus, Freesias, Zinnia, Tulip, Pansies, Daisies, Chinese and Japanese Carnation Pinks, Snapdragon, Sweet William, Stocks and Poppy. Sow Rye Grass for your winter lawn. Plant Chinese Sacred Lilies.

NOVEMBER Continue to sow Cabbage and Lettuce. Set out Cabbage, etc. Plant all kinds of Early Spring Flowering Bulbs. Sow Alfalfa. Petunia, Chinese and other Pinks, Alyssum, Candytuft, Wall Flower, Larkspur Carnations, Poppy and Sweet Peas. Plant Hyacinthus, Tulips, Narcissus, Jonquils, in open ground or flower pots for forcing. Plant Canna Lillies and Chinese Sacred Lillies, Crocus, Oxalis, Freesias, Fruit Trees and all kinds Nursery Stock.

DECEMBER Market gardeners have found it quite profitable to plant such varieties as Beet, Radish, and Lettuce in hot-beds for winter use as there is always a good demand for fresh vegetables during winter months. Spring Flowering bulbs should be planted not later than this month to obtain satisfactory results. Plant Hyacinths, Tulips, Narcissus and Jonquils. Sow all varieties of winter and spring blooming flower seeds in cold frames to be set out in January and February, as for instance, Asters, Pansy, Daisy, Phlox, Chinese and other Pinks, Alyssum, Candytuft, Wall Flower Larkspur, Poppy, Hollyhock, Snapdragon Calceopsis, Heliotrope, and Mignonette.

TABLE SHOWING QUANTITIES OF SEED USUALLY SOWN PER ACRE.

Alfalfa	Weight per bu.	Quantity to sow 1 acre	Grass, Timothy	Weight per bu.	Quantity to sow 1 acre	Peas, field or stock, broadcast	Weight per bu.	Quantity to sow 1 acre
Barley, broadcast	48 lbs.	2 to 3 bus.	Grass, Bermuda	45 lbs.	1 1/2 bus.	Pea, Garden, Wrinkle, in drills	60 lbs.	1 1/2 to 3 bus.
Bean, Dwarf, in drills	60 lbs.	1 1/2 bus.	Grass, Johnson	25 lbs.	30 lbs.	Pea, Round, in drills	60 lbs.	1 1/2 bus.
Bean, Pole in hills	60 lbs.	10 to 12 qts.	Kaffir Corn, in drills	50 lbs.	10 lbs.	Potatoes	60 lbs.	8 bus.
Beets, Table, in drills	6 lbs.	6 lbs.	Kaffir Corn, broadcast	50 lbs.	1 bus.	Pumpkins, in hills	3 lbs.	3 lbs.
Beet, Mangel-Wurzel	5 lbs.	5 lbs.	Lettuce	2 to 3 lbs.	2 to 3 lbs.	Rape, Dwarf Essex	5 to 8 lbs.	8 to 10 lbs.
Broom Corn, in hills	48 lbs.	3 lbs.	Melon, Musk, in hills	2 to 3 lbs.	4 to 5 lbs.	Radish, in drills	56 lbs.	1 1/2 to 2 bus.
Buckwheat	48 lbs.	1 bus.	Melon Water, in hills	50 lbs.	40 to 50 lbs.	Salsify, in drills	56 lbs.	8 to 10 lbs.
Cabbage, in beds to transplant	1/2 lb.	1/2 lb.	Millet, German	50 lbs.	40 to 50 lbs.	Spinach, in drills	56 lbs.	15 lbs.
Carrots, in drills	3 to 4 lbs.	3 to 4 lbs.	Millet, Hog	50 lbs.	40 to 50 lbs.	Sorghum, or Sugar Cane, 50 lbs.	2 to 4 bus.	3 lbs.
Corn, in hills	56 lbs.	8 to 10 arts.	Millet, Siberian	50 lbs.	40 to 50 lbs.	Squash, Running, in hills	3 lbs.	4 lbs.
Corn, for Fodder	56 lbs.	3 bus.	Millet, Japanese	50 lbs.	1 bus.	Squash, Bush, in hills	3 lbs.	4 lbs.
Clover, Alsike	60 lbs.	10 lbs.	Millet, Pearl or Caltail, broadcast	30 lbs.	2 to 3 bus.	Tomato, to transplant	1/4 lb.	2 to 3 lbs.
Clover, Red	60 lbs.	20 lbs.	Milo Maize, in drills	50 lbs.	3 to 5 lbs.	Turnip, broadcast	2 to 3 bus.	2 to 3 lbs.
Clover White	60 lbs.	12 to 15 lbs.	Oats, broadcast	32 lbs.	8 to 12 bus.	Turnip, in drills, 1 oz. to 250 feet of drill	1 1/2 lbs.	1 1/2 lbs.
Cucumber, in hills	2 lbs.	2 lbs.	Onion Sets, in drills	3 to 5 lbs.	4 to 6 lbs.	Vetch, broadcast	30 lbs.	30 lbs.
Grass, Kentucky Blue	21 lbs.	3 bus.	Onion Seed, in drills	8 to 12 bus.	1 bus.	Wheat, broadcast	60 lbs.	1 1/2 to 2 bus.
Grass, English Rye	22 lbs.	3 bus.	Parsnips, in drills	4 to 6 lbs.				
Grass, Red Top	40 lbs.	3 bus.	Peanuts	22 lbs.				

NO

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PARROTS

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Guaranteed Talkers

A bird that talks has a wonderful charm. Below we offer young, tame, hand raised parrots guaranteed to learn to talk. Live arrival guaranteed to any express office in U. S. located on a railroad. Birds ready to ship in early summer. Order very early.

ROYAL AZTEC DOUBLE YELLOW HEADS.—Our very finest talking strain, unsurpassed as imitators of the human voice. They are superior to all other American parrots and make most fluent talkers. Guaranteed. Price \$15.00 during summer, but usually higher after August 15th.

MEXICAN RED HEAD PARROTS.—Medium size, make nice talkers and great pets. Young birds ready in June. Price \$8.00 each. Price higher toward end of season.

PANAMA PARROTS.—Large, green parrots, very fluent talking species. Usually in stock entire year. Price \$25.00 each.

Royal, Scarlet Macaws, the most gorgeously colored

Parrot we know of.....each \$ 50.00
Green Macaws.....each 50.00
Sulphur Crested White Cockatoos.....each 25.00

AUSTRALIAN SHELL PAROQUET LOVE BIRDS

This is the most popular and most desirable variety for keeping in captivity. It is known throughout the world as the Budgerigar or Undulated Grass Paroquet. They are quite small birds, the body being only about the size of a canary. Owing to the fact, however, that the feathers are quite fluffy they look much larger than a canary. The tails are long and graceful, making the entire length of the bird from seven to nine inches. The beak is rounding, with a thin, long point to the upper mandible. The color is a beautiful shade of light green, handsomely mottled with dark green, yellow and black, and with spots of blue on the head. Price \$8.00 pair.

WHITE RATS AND GUINEA PIGS

Guinea Pigs all colors.....pair, \$1.50
White Rats.....pair 75

RHESUS AND JAVA MONKEYS

These are the greatest pets of the Monkey family. They are of a brownish color and present a comical appearance. They are very intelligent and can be taught many little tricks.

Price, \$25.00 each.

CANARIES

The canaries generally kept in America originated either in Germany or in England. The Germans breed birds for their songs, while the English breed especially for high colors and larger sizes.

ST. ANDREASBERG BELL NOTE ROLLER CANARY

This is the star of the canary family and is sold under many different names, such as the Campanini, the living Music-box, the Opera singer and others. This Canary is a grade whose song should be a continuous stream of soft, sweet, flowing melody, pleasing and soothing to the ear, free from any harsh zi-zittering or kettledrum-like tattoo-

ing upon the tympanum. There should be only a sense of a smooth flowing or rolling, with no indication of the hammering song of the ordinary type of singer. Much more than ordinary care is given the breeding and voice culture of the birds, so that the variety of notes is greater, the song has wider range, and often, with a well-trained bird, continues through the moulting season. We have met many people who exclaimed with vehemence that they "could not bear a canary, his song was so loud and sharp," and after hearing one of these say, "Oh! I didn't know a canary could sing like that! I should be delighted with a bird having such a mellow, rich voice." It is great surprise to meet each day so many who keep birds and yet have never owned nor even heard a first-grade singer, and do not know there is any canary other than some ordinary screecher.

The Roller is the smallest canary, with mealy yellow, or mottled, or green colors. In size and color he is inferior to the big and brilliant color canaries, but he can give you a wealth of soft, varied, charming music in a single song. Mate him with a wife of his own kind, and you may justly be proud of some choice songsters.

Imported Songsters.....	each \$15.00
Imported Roller females.....	each 5.00
Texas Bred Songsters.....	each 10.00
Texas Bred Roller females.....	each 2.50

THE WARBLING CANARY

This canary has a mellow voice with a good variety of notes, and varying from the medium to the louder and softer songs. That is, some singers have voices of medium volume, while others have louder songs, and still others have the lower softer voices. There is also quite a difference in the compass of the voices, some singing higher and also lower than others, and some voices are confined to the high notes, while others have the contralto register. That is, a canary voice may be a tenor, a soprano, or a contralto; or it may have some notes in all these parts.

These birds come in all colors.

Young males.....	each \$5.00
Songsters	each 7.50
Females	each 1.50

GOLD FISH.—While there are many varieties of gold fish as named and described in this list, we refer only to the plain variety by this name. These are more popular than the fancy sorts, being low priced and generally satisfactory. They are a species of carp, originally inhabiting ponds and sluggish streams in China, and they are better adapted to life in fish globes than any other breed of fish. They are universal favorites, of golden red color. Those bred in this state seem to have a peculiar brilliancy of coloring which is especially noticeable when in the fish globes. Acclimated Fish from our own Hatchery. Prices, 25c, 35c, 50c and \$1.00 each, according to size. The 25c size (5 for \$1.00) is the most popular. The largest size is only suitable for ponds or fountains.

SILVER FISH.—This is simply an uncolored gold fish of dark silvery color. Nice for variety. Small size 25c each; medium 50c.

PEARL FISH.—These elegant fish are either of a clear pearly white color or white is variegated with gold markings. Medium size 25c; 6 for \$1.00.

AMERICAN FANTAIL FISH.—Are bred from the imported Japanese fish and are very handsome. Price, according to size, shape and color, 25c, 35c, 50c and 75c each.

ORIOLE FISH.—Are beautifully variegated golden red and clear black. Medium size 30c each.

AQUARIUM CASTLES.—Very pretty. Size for 1 gal. globe 30c. Size for 2 gal. globe 60c.

PREPARED FISH FOOD.—Good for all kinds of gold fish. Best quality and of the purest materials. Price 20c per box, postpaid.

GLASS FISH GLOBES.—These are neat, cheap and consequently more popular than the large aquariums. Measurements are approximate.

1-qt.—5 in.....	\$.50	4-qt.—8 in.....	\$1.25
2-qt.—6 in.....	.85	8-qt.—10 in.....	2.25

BETTER SEEDS—BETTER CROPS

1924



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